

# Detailed energy supply and demand in Canada

1970-1971

# Disponibilité et écoulement d'énergie au Canada

1970-1971

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## DETAILED ENERGY SUPPLY AND DEMAND IN CANADA

## DISPONIBILITÉ ET ÉCOULEMENT D'ÉNERGIE AU CANADA

1970-1971

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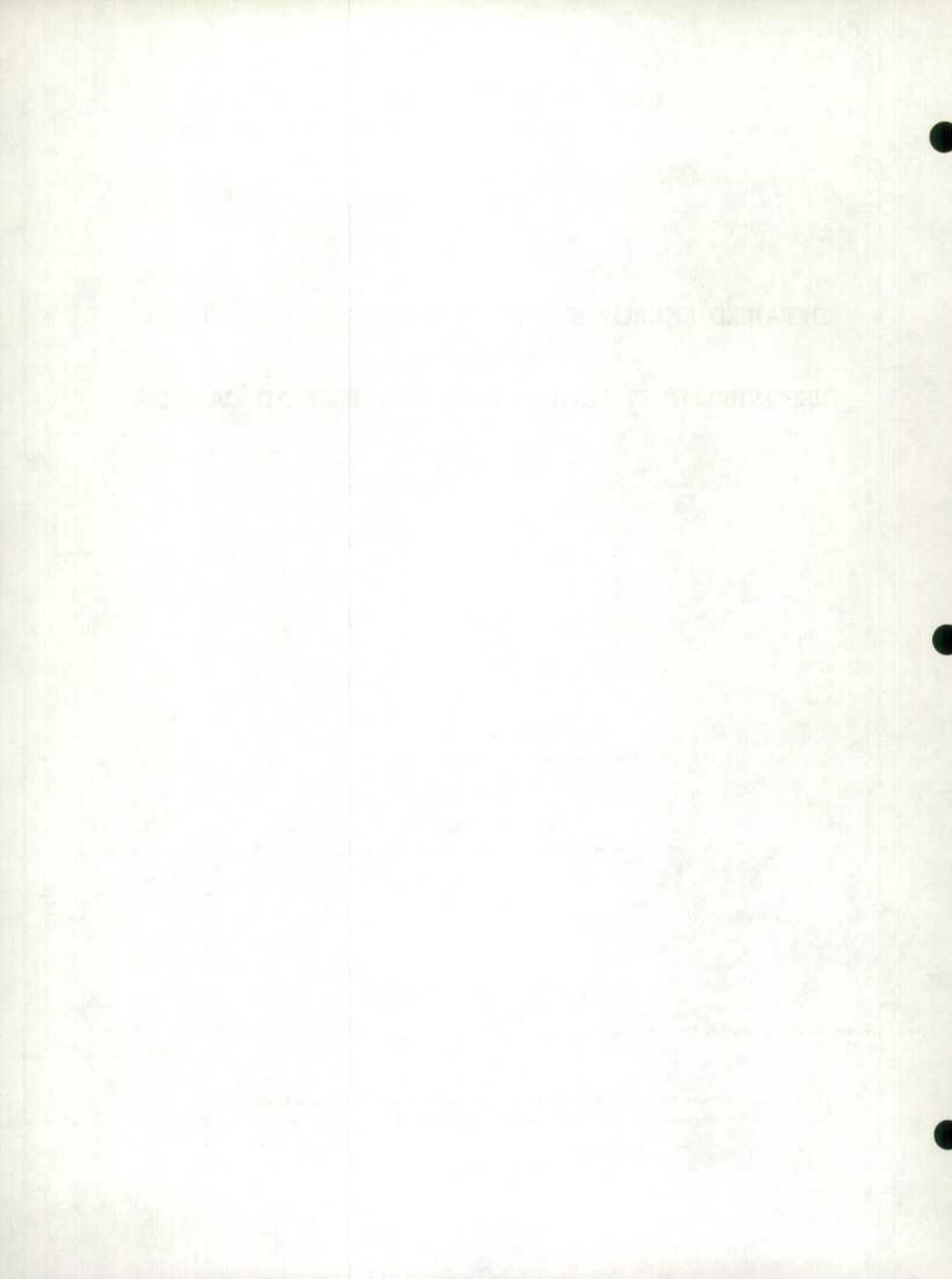
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This is the second publication in a series on total energy statistics. Although covering the years 1970 and 1971 this edition is the first on a annual basis.

These notes are intended to help clarify the concepts and techniques used in compiling the balance sheets. The majority of the data is taken from regular Statistics Canada publications, though classifications employed in this analysis have been arrived at in order to gain comparability between fuels, and may thus differ from published classifications e.g. production of natural gas here means "gross" production less a) field storage and b) shrinkage. It must also be noted that in some instances information available to the bureau, not previously published, has been incorporated into the analysis - for example, quantities of fuel used to generate thermal power at industrial establishments. Furthermore, the analysis has relied on estimates in those areas where the statistical programme did not provide sufficient data to present a complete picture. Even in those areas where information was available but where it was considered of doubtful quality, revision and estimation played a role. For these reasons, the bureau does not claim that the picture presented in the balance sheets is one of complete accuracy to the last detail. However, since the statistical programme covers all the major and most of the minor aspects of the Canadian energy economy, areas where estimation has been used tend not to be critical to the whole, with the result that the balance sheets can be used with a fair degree of confidence.

The following natural units and their equivalent B.T.U. conversion factors have been used throughout the analysis. In the case of natural gas, the B.T.U. content of this fuel has been steadily declining throughout the period under review, and consequently, a varying conversion factor has been used.

Cette publication est la deuxième d'une série relative aux statistiques sur l'énergie totale et bien qu'elle vise les années 1970 et 1971, cette édition est la première à être publiée dans la série annuelle.

Ces notes explicatives ont pour but de clarifier les concepts et techniques utilisés dans la compilation des bilans énergétiques. La majeure partie de ces données provient de publications régulières de Statistique Canada. Cependant, les classifications employées ont été dérivées dans le but d'établir une comparaison entre les combustibles, et par conséquent, peuvent différer avec la classification régulière; exemple, production de gaz naturel signifie ici production brûlée, moins a) stockage sur les chantiers, et b) pertes en cours de traitement. On remarque aussi que certaines données non publiées ont été intégrées dans l'analyse, telles les quantités de combustible utilisées pour la production d'énergie thermique des établissements industriels. De plus, on a dû recourir à des estimations dans les cas où le programme statistique actuel ne fournissait pas les données suffisantes. Dans les cas où l'information disponible était considérée douceuse, les révisions et estimations ont aussi joué un certain rôle. Pour ces raisons, le bureau ne prétend pas présenter ici une image complète dans tous ses détails; cependant, étant donné que le programme statistique englobe tous les aspects majeurs de l'économie canadienne de l'énergie, ainsi que la plupart des aspects mineurs, les cas où les estimations ont été employées ne sont pas affectées au détriment du tout, avec le résultat que ces bilans énergétiques peuvent être utilisés avec confiance.

Les unités naturelles suivantes et leurs facteurs équivalents de conversion en B.T.U. (British Thermal Unit - Unité Thermique Britannique) ont été utilisées dans cette analyse. Par exception, la valeur thermique du gaz naturel a constamment baissé durant la période; on a donc dû recourir à un facteur de conversion variable.

Fuel type — Combustible	Natural unit — Unité naturelle	Conversion factor — Coefficient de conversion
BTU's - '000,000 - B.T.U.		
<b>Coal - Charbon</b>		
Anthracite .....	short tons of 2,000 lbs. - tonnes courtes de 2,000 lbs.	25.4000
Imported Bituminous - Bitumineux importé .....	" " " " "	25.8000
Canadian Bituminous - Bitumineux canadien .....	" " " " "	25.2000
Sub-Bituminous - Sous-bitumineux .....	" " " " "	17.0000
Lignite .....	" " " " "	13.2000
coke .....	" " " " "	24.8000
Coke Oven Gas - Gaz de four à coke .....	'000 cubic feet - '000 pieds cubes	0.5000
Liquified Petroleum Gases - Gaz de pétrole liquéfiés .....	barrels of 35 Canadian gallons - barils de 35 gallons canadiens	4.0950
Crude Oil - Pétrole brut .....	" " " " "	5.8030
Still Gas - Gaz de distillation .....	" " " " "	6.2874(1)
Motor Gasolin - Essence pour moteurs .....	" " " " "	5.2220
Kerosene - Kérosène .....	" " " " "	5.6770
Diesel - Huiles diesel .....	" " " " "	5.8275
Light Fuel Oil - Mazout légers .....	" " " " "	5.8275
Heavy Fuel Oil - Mazout lourds .....	" " " " "	6.2874
Petroleum Coke - Coke de pétrole .....	" " " " "	6.3852
Aviation Gasoline - Essence d'aviation .....	" " " " "	5.0505
Aviation Turbo Fuel - Carburants pour turbine à gaz .....	" " " " "	5.4145
Natural Gas - Gaz naturel .....	'000 cubic feet - '000 pieds cubes	1.0700/1.0000
Electricity - Énergie électrique .....	'000 kWh. - '000 kWh	3.4120

(1) Still gas is expressed in barrels of Heavy Fuel Oil equivalent. - Gaz de distillation s'exprime en équivalent de barils de mazout lourd.

Because of problems of confidentiality, 5 regions have been considered:

- (a) Atlantic
- (b) Quebec
- (c) Ontario
- (d) Prairies
- (e) British Columbia, Yukon & Northwest Territories

À cause du secret auquel les statistiques sont soumises, 5 régions ont été prises en considération:

- (a) L'Atlantique
- (b) Le Québec
- (c) L'Ontario
- (d) Les Prairies
- (e) La Colombie-Britannique, le Yukon et les Territoires du Nord-Ouest

For each region and each year a balance sheet has been developed which differentiates between 16 fuel types (the fuel type "coal" being a summation of 5 kinds of coal), and 10 consuming sectors, including the non-energy use of energy forms e.g. chemical feedstocks. Each balance sheet shows the export-import position, inter-regional movements of energy, inventory changes and the amounts of energy entering into the conversion/transformation process. (The term "conversion" is here used to describe the process of changing primary fuel i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel i.e. that resulting from the processing of other fuels e.g. coke from coal or motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into secondary fuels e.g. Thermal electricity from fuel oil fired power stations). From the resultant output of secondary energies included in the balance sheet it becomes possible to compute the efficiency of the conversion/transformation process. However, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

The contribution made by each fuel form to the total and the contribution made by each consuming sector to the total can also be discerned, as well as regional variations in production, consumption, etc., while the performance of the energy supply industry can be gauged by viewing the amount of energy used by the industry to produce and transport energy entering into the economy, together with the efficiency of the conversion/transformation process.

The volume of data is such that it precludes a detailed description of how each individual figure is arrived at. Nonetheless, certain points are worthy of note:

1. Estimates of domestic consumption have been based on known number of houses using oil, coal etc. as their main heating fuel.
2. Shrinkage has been excluded from natural gas production, since the energy content of such shrinkage appears in the balance sheet in the form of primary, i.e. plant, L.P.G. Secondary L.P.G. is that product produced at refineries.
3. Since transmission losses in the electric power industry can be viewed as the amount of power required to transport electricity, such losses have been treated as "Energy supply industry consumption".

Pour chaque région et chaque année, le bilan présente tient compte de 16 combustibles différents (le charbon est la somme de 5 sortes de charbon), et 10 secteurs de consommation, incluant l'utilisation d'énergie pour usage non énergétique; ex., les intrants de l'industrie pétrochimique. Chaque bilan expose les exportations et importations, les transferts d'énergie d'une région à l'autre, les variations des stocks et les montants d'énergie convertis ou transformés. (Le terme "converti" est employé ici pour signifier le procédé par lequel l'énergie primaire est modifiée; c'est-à-dire, la modification du combustible à l'état brut: ex., le charbon, le pétrole brut, et, pour le bénéfice de cette étude, l'électricité produite par les centrales hydro-électriques et thermo-nucléaires, en énergie secondaire; c'est-à-dire, en d'autres combustibles, tels, le coke provenant du charbon, l'essence à moteur provenant du pétrole brut, etc. Le terme "transformé" réfère au procédé de transformation de l'énergie secondaire en d'autres formes d'énergie secondaire; ex., l'électricité produite par les centrales thermiques à combustible pétrolier). Il est donc possible de faire l'évaluation de l'efficacité du procédé conversion/transformation en se servant des débits de l'énergie secondaire inclus dans ces bilans énergétiques. Toutefois, nous avons exclus les produits non énergétiques, telles les huiles lubrifiantes produites à la raffinerie de pétrole. Il est donc possible qu'une soi-disant augmentation dans l'inefficacité du procédé conversion/transformation s'explique par une augmentation de la production de produits non énergétiques. L'impact de cette production ne peut être considéré que minime.

On peut discerner la contribution de chaque forme d'énergie et celle de chaque secteur de consommation, ainsi que les variations régionales de production et de consommation, etc. La marche de l'industrie productrice d'énergie peut être mesurée en examinant les montants d'énergie utilisés par l'industrie pour produire et acheminer les combustibles vers les différents secteurs économiques, de même que mesurer l'efficacité du procédé conversion/transformation.

L'ampleur des données est telle qu'il est impossible de donner une description détaillée de l'origine de chacune d'elles. Cependant, il est approprié de mentionner quelques particularités:

1. Les quelques estimations de la consommation par le secteur "résidences et fermes" sont basées sur le nombre de résidences utilisant le mazout léger, le charbon, etc., comme combustible principal de chauffage.
2. Les pertes en cours de traitement du gaz naturel sont exclues de la production de ce combustible puisque le contenu énergétique de ces pertes est présenté dans le bilan sous forme de combustible primaire, tel le G.P.L. provenant des usines de traitement du gaz naturel. G.P.L. secondaire provient des raffineries de pétrole.
3. Étant donné que les pertes déclarées par les centrales d'énergie électrique peuvent être considérées comme montant d'énergie requis pour transmettre l'électricité, nous avons cru bon de les inclure dans la rubrique: "Consommation par les industries productrice d'énergie".

SECTION A

NATURAL UNITS

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UNITÉS NATURELLES

## Detailed Energy Supply and Demand in Canada

Canada, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes	Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
<u>Primary energy supply</u>										
1	Production .....	16,604,164	—	—	32,993,829	504,485,459	—	—	—	—
2	Exports .....	4,513,608	—	—	20,985,786	244,466,203	—	—	—	—
3	Imports .....	19,360,850	—	—	—	208,362,691	—	—	—	—
4	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
5	Stock change .....	2,052,96	—	—	386,532	1,051,755	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	352,282	—	—	—	—
7	Availability .....	29,398,910	—	—	11,269,229	467,330,192	—	—	—	—
Converted to secondary fuel:(1)										
8	(a) To electricity:									
9	By utilities .....	15,199,471	—	—	8,723	9,875	—	—	—	—
10	By industry .....	293,127	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas.	8,065,878	—	—	—	—	—	—	—	—
12	(c) To refined products .....	—	—	—	1,743,022	467,241,769	—	—	—	—
13	Net primary supply .....	5,840,434	—	—	9,517,484	78,548	—	—	—	—
<u>Secondary energy supply</u>										
14	Output .....	—	5,668,219	88,386,285	8,778,118	—	13,986,016	163,567,493	21,533,983	54,973,163
15	Exports .....	—	254,226	—	98,050	—	—	866,858	127,925	667,111
16	Imports .....	—	394,953	—	251,059	—	—	5,387,592	1,299,554	5,776,143
17	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
18	Stock change .....	—	50,880	—	—	—	80	1,424,349	—	375,822
19	Other products used .....	—	—	—	—	—	—	336,724	51	—
20	Inter-product transfers .....	—	—	—	—	—	—	1,156,715	3,594,576	11,277,011
21	Losses and adjustments .....	—	—	—	—	—	—	578,688	—	132,523
22	Availability .....	—	5,758,066	88,386,285	5,235,450	—	14,541,824	169,242,511	19,619,432	48,343,228
Transformed into secondary fuel:										
23	(a) To electricity:									
24	By utilities .....	—	—	—	—	—	—	—	—	1,059,968
25	By industry .....	—	—	1,012,964	—	—	—	—	—	243,724
26	Net secondary supply .....	—	5,758,066	87,373,321	5,235,450	—	14,541,824	169,242,511	19,619,432	47,039,536
27	Total net supply, primary and secondary .....	5,840,434	5,758,066	87,373,321	14,752,934	75,548	14,541,824	169,242,511	19,619,432	47,039,536
<u>Consumption</u>										
28	Energy supply industries .....	55,494	—	—	568,993	1,113,185	14,338,022	218,457	21,457	440,014
29	Transportation:									
30	(a) Road .....	—	—	—	—	—	—	167,497,616	—	7,865,000
31	(b) Rail .....	140,266	—	—	—	—	—	—	—	222,244
32	(c) Air .....	—	—	—	—	—	—	—	—	12,372,961
33	(d) Marine (excluding Navy) .....	251,034	—	—	—	—	—	—	48,594	5,350,983
34	Domestic and farm .....	717,509	13,863	—	10,901,554	—	—	—	14,963,069	5,712,416
35	Commercial .....	457,700	—	—	—	49,254	—	—	1,560,000	3,190,000
36	Industrial .....	3,442,400	5,484,220	84,004,953	1,491,505	—	—	—	2,465,683	12,082,984
37	Non energy use .....	—	—	—	2,125,167	—	—	—	—	—
38	Losses and adjustments .....	776,031	259,983	3,368,368	—	334,285	—	203,802	1,526,438	338,385
39	Total .....	5,840,434	5,758,066	87,373,321	14,752,934	78,548	14,541,824	169,242,511	19,619,432	47,039,536

(1) In addition to energy products produced, 29,368,455 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries de pétrole ont produit 29,368,455 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

## DISPONIBILITÉ DU DÉMENAGEMENT D'ÉNERGIE AU CANADA

Canada, 1970, unités naturelles

Light fuel oil - Mazouts légers	Heavy fuel oil - Mazouts lourds	Pétroleum coke - Coke de pétrole	Aviation gasoline - Essence d'aviation	Aviation turbo fuel - Carburateurs pour turbines à gaz d'aviation	Natural gas - Gaz naturel	Electricity - Énergie électrique	Total	
barrels of 35 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kwh		N°
-	-	-	-	-	2,092,917,966	157,678,225	...	<u>Disponibilité d'énergie primaire</u>
-	-	-	-	-	779,497,257	5,631,390	...	Production .....
-	-	-	-	-	10,859,981	3,245,121	...	Exportations .....
-	-	-	-	-	-	-	...	Importations .....
-	-	-	-	-	27,124,492	-	...	Transferts - d'une région à une autre .....
-	-	-	-	-	1,442,595	-	...	Changement à l'inventaire .....
-	-	-	-	-	-	-	...	Transferts - d'un produit à un autre .....
-	-	-	-	-	1,298,598,793	155,291,956	...	Disponibilité .....
-	-	-	-	-	70,725,852	-	...	<u>Convertie en combustible secondaire:</u> (1)
-	-	-	-	-	21,646,507	-	...	a) En énergie électrique: Par services .....
-	-	-	-	-	-	-	...	Par industrie .....
-	-	-	-	-	-	-	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....
-	-	-	-	-	-	-	...	c) En produits raffinés .....
-	-	-	-	-	1,206,226,434	155,291,956	...	Disponibilité primaire nette .....
-	-	-	-	-	-	-	...	<u>Disponibilité d'énergie secondaire</u>
7,777,101	84,744,183	1,012,409	1,177,613	14,221,504	-	47,044,672(2)	...	Extrans .....
5,828,351	501,406	33,780	6,881	203,703	-	-	...	Exportations .....
12,547,421	36,810,293	3,182,379	117,161	3,143,218	-	-	...	Importations .....
-	-	-	-	-	-	-	...	Transferts - d'une région à une autre .....
-	1,078,924	1,280,047	- 40,337	- 91,587	105,766	-	...	Changement à l'inventaire .....
10,816	1	-	-	658	1,168	-	...	Autres matières utilisées .....
12,946,954	1,366,183	3,829	108,922	- 304,558	-	-	...	Transferts - d'un produit à un autre .....
-	1,679,109	- 3,269,430	-	- 34,829	26,278	-	...	Pertes et ajustements .....
102,411,974	124,408,637	4,205,174	1,523,889	16,725,585	-	47,044,672	...	Disponibilité .....
-	-	-	-	-	-	-	...	Transformée en combustible secondaire:
1,127,281	9,485,469	-	-	601	-	-	...	a) En énergie électrique: Par services .....
145,812	4,467,759	-	-	-	-	-	...	Par industrie .....
102,138,881	110,455,409	4,205,174	1,523,889	16,724,984	-	47,044,672	...	Disponibilité secondaire nette .....
102,138,881	110,455,409	4,205,174	1,523,889	16,724,984	1,206,226,434	202,336,628	...	Total net de la disponibilité, primaire et secondaire .....
-	-	-	-	-	-	-	...	25
99,433	13,891,306	348,009	1,264	15,487	255,784,940	17,817,741	...	<u>Consommation</u>
-	-	-	-	-	-	-	...	Les industries d'énergie .....
284,667	1,268,416	-	-	-	-	-	...	Transport: a) Routier .....
-	-	-	1,446,707	16,614,694	-	-	...	b) Ferroviaire .....
107,626	10,685,346	-	-	-	-	-	...	c) Aviation .....
73,739,889	6,156,255	-	-	-	241,874,976	43,430,777	...	d) Marine marchande .....
17,910,000	34,050,000	-	-	-	192,734,738	44,068,097	...	Résidences et fermes .....
10,096,355	40,732,870	-	-	-	399,056,546	97,020,013	...	Utilisation commerciale .....
-	-	3,644,082	-	-	-	-	...	Utilisation industrielle .....
-	99,089	3,671,216	213,083	75,918	94,803	116,775,234	-	Utilisation autre que pour l'énergie ..
102,138,881	110,455,409	4,205,174	1,523,889	16,724,984	1,206,226,434	202,336,628	...	Pertes et ajustements .....
102,138,881	110,455,409	4,205,174	1,523,889	16,724,984	1,206,226,434	202,336,628	...	Total .....
(2) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:								36
Coal - Charbon .....	31,637,435	kwh. - '000 - kwh			Natural gas - Gaz naturel .....	6,772,782	kwh. - '000 - kwh	
Fuel oils - Mazouts .....	7,062,207	"	"		Blast furnace gas - Gaz de hauts fourneaux .....	108,401	"	"
Diesel oil - Huile diesel .....	528,818	"	"		Coke oven gas - Gaz de fours à coke .....	32,657	"	"
Aviation turbo fuel - Carburateurs pour turbines à gaz d'aviation .....	116	"	"		Propane .....	2,746	"	"
Crude oil - Pétrole brut .....	- 2,149	"	"		Wood - Bois .....	623,651	"	"
					Unknown - Non connu .....	278,008	"	"

(2) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon ..... 31,637,435 kwh. - '000 - kwh

Fuel oils - Mazouts ..... 7,062,207 "

Diesel oil - Huile diesel ..... 528,818 "

Aviation turbo fuel - Carburateurs pour turbines à gaz d'aviation ..... 116 "

Crude oil - Pétrole brut ..... - 2,149 "

Natural gas - Gaz naturel ..... 6,772,782 kwh. - '000 - kwh

Blast furnace gas - Gaz de hauts fourneaux ..... 108,401 "

Coke oven gas - Gaz de fours à coke ..... 32,657 "

Propane ..... 2,746 "

Wood - Bois ..... 623,651 "

Unknown - Non connu ..... 278,008 "

## Detailed Energy Supply and Demand in Canada

Region 1, Atlantic, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens				
<b>Primary energy supply</b>										
1	Production .....	2,518,000	—	—	—	9,675	—	—	—	—
2	Exports .....	174,624	—	—	—	—	—	—	—	—
3	Imports .....	380,603	—	—	—	50,195,723	—	—	—	—
4	Inter-regional transfers .....	— 601,677	—	—	—	—	—	—	—	—
5	Stock change .....	— 50,301	—	—	—	1,037	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	2,172,603	—	—	—	50,204,361	—	—	—	—
Converted to secondary fuel: (1)										
8	(a) To electricity:									
9	By utilities .....	733,676	—	—	—	—	—	—	—	—
10	By industry .....	59,610	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas.	883,986	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	50,195,723	—	—	—	—
12	Net primary supply .....	495,331	—	—	—	8,638	—	—	—	—
<b>Secondary energy supply</b>										
13	Output .....	—	621,343	9,769,562	1,268,657	—	1,894,866	13,773,811	3,104,052	8,335,506
14	Exports .....	—	35,672	—	—	—	—	—	—	—
15	Imports .....	—	78,497	—	—	—	—	267,136	346,505	3,261,458
16	Inter-regional transfers .....	—	—	—	41,468	—	—	301,753	— 281,354	603,498
17	Stock change .....	—	6,802	—	6,289	—	—	296,017	— 247,607	245,051
18	Other products used .....	—	—	—	—	—	—	13,411	—	—
19	Inter-product transfers .....	—	—	—	119,175	—	—	240,995	1,341,331	— 1,376,687
20	Losses and adjustments .....	—	—	—	72,282	—	—	140,349	10,605	— 217,237
21	Availability .....	—	657,366	9,769,562	1,174,007	—	1,894,866	13,557,234	4,747,536	8,315,170
Transformed into secondary fuel:										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	264,388
23	By industry .....	—	—	333,228	—	—	—	—	—	11,266
24	Net secondary supply .....	—	657,366	9,436,334	1,174,007	—	1,894,866	13,557,234	4,747,536	6,509,724
25	Total net supply, primary and secondary.	495,331	657,366	9,436,334	1,174,007	8,638	1,894,866	13,557,234	4,747,536	6,509,724
<b>Consumption</b>										
26	Energy supply industries .....	13,632	—	—	293,468	12	1,818,564	59,902	535	87,630
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	13,210,756	—	563,006
28	(b) Rail .....	11,807	—	—	—	—	—	—	15,000	1,358,913
29	(c) Air .....	—	—	—	—	—	—	—	—	3,808
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	—	2,538,143
31	Domestic and farm .....	159,275	2,814	—	245,962	—	—	—	4,199,696	318,900
32	Commercial .....	107,000	—	—	—	7,526	—	—	60,000	550,300
33	Industrial .....	98,834	546,352	9,056,334	266,419	—	—	—	358,280	1,046,300
34	Non energy use .....	—	—	—	368,159	—	—	—	—	—
35	Losses and adjustments .....	104,783	108,200	380,000	— 1	1,100	76,302	286,576	110,217	44,437
36	Total .....	495,331	657,366	9,436,334	1,174,007	8,638	1,894,866	13,557,234	4,747,536	6,509,724

(1) In addition to energy products produced, 1,307,491 barrels of non-energy products, comprising petro-chemical feed stocks, naphths specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries ont produit 1,307,491 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphtes, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le pétrole, sont également produits.

#### Disponibilité et demande d'assurance contre

### Région 1, Atlantique, 1970, unités naturelles

Light fuel oil	Heavy fuel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazouta légers	Mazouta lourds	Coke de pétrole	Essence d'aviation	Carburéateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		
barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					Mcf. — Mpc.	kwh. — '000-kwh		
—	—	—	—	—	131,160	7,916,424	...	<u>Disponibilité d'énergie primaire</u>
—	—	—	—	—	—	756,822	...	Production .....
—	—	—	—	—	—	44,578	...	Exportations .....
—	—	—	—	—	—	— 97,470	...	Importations .....
—	—	—	—	—	—	—	...	Transferts — d'une région à une autre .....
—	—	—	—	—	—	—	...	Changement à l'inventaire .....
—	—	—	—	—	—	—	...	Transferts — d'un produit à un autre .....
—	—	—	—	—	131,160	7,106,710	...	Disponibilité .....
—	—	—	—	—	—	—	...	Convertie en combustible secondaire: (1)
—	—	—	—	—	—	—	...	a) En énergie électrique: Par services .....
—	—	—	—	—	—	—	...	Par industrie .....
—	—	—	—	—	—	—	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....
—	—	—	—	—	—	—	...	c) En produits raffinés .....
—	—	—	—	—	131,160	7,106,710	...	Disponibilité primaire nette .....
—	—	—	—	—	—	—	...	<u>Disponibilité d'énergie secondaire</u>
9,619,060	13,933,831	269,053	-1,113	827,669	—	5,840,852(2)	...	Sorties .....
—	—	—	95	—	—	—	...	Exportations .....
\$, 127,748	10,729,800	—	53,463	399,707	—	—	...	Importations .....
\$, 932,419	104,214	—	198,928	197,357	—	—	...	Transferts — d'une région à une autre .....
- 299,636	627,600	—	- 5,730	- 176,251	—	—	...	Changement à l'inventaire .....
712	—	—	—	422	—	—	...	Autres matières utilisées .....
- 263,787	96,331	—	- 4,487	- 46,223	—	—	...	Transferts — d'un produit à un autre .....
61,306	91,868	—	- 25,487	685	—	—	...	Perces et ajustements .....
13,389,644	24,144,708	269,053	277,913	1,554,498	—	5,840,852	...	Disponibilité .....
—	—	—	—	—	—	—	...	Transformée en combustible secondaire:
37,450	6,945,762	—	—	—	—	—	...	a) En énergie électrique: Par services .....
83,217	1,633,620	—	—	—	—	—	...	Par industrie .....
13,268,977	15,565,326	269,053	277,913	1,554,498	—	5,840,852	...	Disponibilité secondaire nette .....
13,268,977	15,565,326	269,053	277,913	1,554,498	131,160	12,947,562	...	Total net de la disponibilité, primaire et secondaire .....
—	—	—	—	—	—	—	...	<u>Consommation</u>
29,101	667,389	269,053	9	147	2,068	1,086,329	...	Les industries d'énergie .....
—	—	—	—	—	—	—	...	Transport: a) Routier .....
88,926	151,862	—	—	—	—	—	...	b) Ferroviaire .....
—	—	—	272,100	1,534,310	—	—	...	c) Aviation .....
23,324	3,531,463	—	—	—	—	—	...	d) Marine marchande .....
10,626,679	42,768	—	—	—	33,233	2,414,450	...	Résidences et fermes .....
1,600,000	4,850,000	—	—	—	28,829	2,392,889	...	Utilisation commerciale .....
765,646	6,035,657	—	—	—	—	7,053,894	...	Utilisation industrielle .....
—	—	—	—	—	—	—	...	Utilisation autre que pour l'énergie .....
135,301	286,187	—	5,804	20,041	67,030	—	...	Perces et ajustements .....
13,268,977	15,565,326	269,053	277,913	1,554,498	131,160	12,947,562	...	Total .....

(1) Comprises electricity generated from fuel types as follows: — Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon ..... 1,482,404 kwh. - '000 - kwh  
 Fuel oil - Matouche 4,202,105 " " "

Fuel oils - Mazouts ..... 4,202,105 " " "  
Diesel oil - Huile diesel ..... 85,118 " " "

Diesel oil - Hulme Diesel .... 85,118 "

Blast furnace gas - Gaz de hauts fourneaux .... 43,340 kwh. - '000 - kwh  
Coke oven gas - Gaz de four à coke ..... 10,762 " " "

Coke oven gas - Gaz de fours à coke ..... 10,743 " " "  
 Unknown - Non connu ..... 17,162 " " "

UNKNOWN -- NON COUNTU ..... 17,143

## Detailed Energy Supply and Demand in Canada

Region 2, Quebec, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens				
<u>Primary energy supply</u>										
1	Production .....	—	—	—	—	—	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	701,767	—	—	—	157,708,372	—	—	—	—
4	Inter-regional transfers .....	507,817	—	—	798,622	—	—	—	—	—
5	Stock change .....	— 93,973	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	1,303,557	—	—	798,622	157,708,372	—	—	—	—
Converted to secondary fuel: (1)										
8	(a) To electricity:									
9	By utilities .....	—	—	—	—	—	—	—	—	—
10	By industry .....	27,000	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas.	349,378	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	157,686,124	—	—	—	—
12	Net primary supply .....	927,179	—	—	798,622	22,248	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	265,503	3,515,442	2,665,832	—	3,443,372	44,563,486	7,748,602	13,434,438
14	Exports .....	—	—	—	—	—	—	—	92,284	229,354
15	Imports .....	—	37,937	—	27,900	—	—	5,098,849	865,330	1,889,448
16	Inter-regional transfers .....	—	— 189,215	—	26,537	—	—	6,972,142	— 968,924	— 2,749,045
17	Stock change .....	—	— 13,278	—	4,875	—	80	372,650	— 139,862	167,022
18	Other products used .....	—	—	—	—	—	—	29,650	—	—
19	Inter-product transfers .....	—	—	—	— 1,066,612	—	— 22,800	348,978	— 1,306,517	— 4,159,174
20	Losses and adjustments .....	—	—	—	— 115,072	—	— 88,188	— 215,790	— 109,745	— 275,117
21	Availability .....	—	127,503	3,515,442	1,763,854	—	3,508,680	42,911,961	6,495,814	8,293,302
Transformed into secondary fuel:										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	143,485
23	By industry .....	—	—	—	—	—	—	—	—	5,519
24	Net secondary supply .....	—	127,503	3,515,442	1,763,854	—	3,508,680	42,911,961	6,495,814	8,144,298
25	Total net supply, primary and secondary .....	927,179	127,503	3,515,442	2,562,476	22,248	3,508,680	42,911,961	6,495,814	8,144,298
<u>Consumption</u>										
26	Energy supply industries .....	—	—	—	123,370	—	3,505,775	59,081	2,482	105,222
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	42,147,815	—	1,500,000
28	(b) Rail .....	89	—	—	—	—	—	—	53,019	2,316,609
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	1,075	—	—	—	—	—	—	3,552	1,192,715
31	Domestic and farm .....	33,441	1,104	—	1,838,649	—	—	—	4,995,524	271,148
32	Commercial .....	8,500	—	—	—	—	—	—	600,000	600,000
33	Industrial .....	794,211	126,195	3,115,442	591,735	—	—	—	682,674	2,094,503
34	Non energy use .....	—	—	—	23,887	—	—	—	—	—
35	Losses and adjustments .....	89,863	204	400,000	— 15,165	22,248	2,905	705,065	158,563	64,184
36	Total .....	927,179	127,503	3,515,442	2,562,476	22,248	3,508,680	42,911,961	6,495,814	8,144,298

(1) In addition to energy products produced, 10,825,573 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialities, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries de pétrole ont produit 10,825,573 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

## **Disponibilité et distribution d'Amphibie au Canada**

## Régin 2, Québec, 1970, unités naturelles

Light fuel oil	Heavy fuel oil	Pétrole de coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazout légers	Mazout lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		
barrels of 35 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kWh		
-	-	-	-	-	165,825	74,499,170		
-	-	-	-	-	2,532,311	50,976		
-	-	-	-	-	-	1,621		
-	-	-	-	-	54,000,136	6,097,809		
-	-	-	-	-	301,637	-		
-	-	-	-	-	-	-		
-	-	-	-	-	51,332,013	68,352,006		
							Disponibilité d'énergie primaire	
							Production .....	1
							Exportations .....	2
							Importations .....	3
							Transferts - d'une région à une autre .....	4
							Changement à l'inventaire .....	5
							Transferts - d'un produit à un autre ..	6
							Disponibilité .....	7
							Convertie en combustible secondaire: (1)	
							a) En énergie électrique:	
							Par services .....	8
							Par industrie .....	9
					78,700	-	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux,	10
					-	-	c) En produits raffinés .....	11
					-	-	Disponibilité primaire nette .....	12
					51,253,313	68,352,006		
							Disponibilité d'énergie secondaire	
							Sorties .....	13
							Exportations .....	14
							Importations .....	15
							Transferts - d'une région à une autre .....	16
							Changement à l'inventaire .....	17
							Autres matières utilisées .....	18
							Transferts - d'un produit à un autre ..	19
							Pertes et ajustements .....	20
							Disponibilité .....	21
							Transformée en combustible secondaire:	
							a) En énergie électrique:	
							Par services .....	22
							Par industrie .....	23
							Disponibilité secondaire nette .....	24
							Total net de la disponibilité, primaire et secondaire.	25
							Consommation	
							Les industries d'énergie .....	26
							Transport:	
							a) Routier .....	27
							b) Ferroviaire .....	28
							c) Aviation .....	29
							d) Marine marchande .....	30
							Résidences et fermes .....	31
							Utilisation commerciale .....	32
							Utilisation industrielle .....	33
							Utilisation autre que pour l'énergie ..	34
							Pertes et ajustements .....	35
							Total .....	36

(iii) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles

Impressis electricity generated from fuel types as follows. -

Coal - Charbon .....	41,102 kWh.	'000 - kWh
Fuel oils - Matrouts .....	1,254,004 "	" "
Diesel oil - Huile diesel ....	73,906 "	" "

Natural gas - Gaz naturel .... 5,904 kWh. - '000 - kWh  
 Wood - Bois ..... 2,550 " " "

## Detailed Energy Supply and Demand in Canada

Region 3, Ontario, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.	barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
<u>Primary energy supply</u>										
1	Production .....	—	—	—	—	1,048,168	—	—	—	—
2	Exports .....	—	—	—	14,574	—	—	—	—	—
3	Imports .....	18,275,283	—	—	—	458,596	—	—	—	—
4	Inter-regional transfers .....	839,244	—	—	3,340,104	133,781,073	—	—	—	—
5	Stock change .....	821,466	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 4,447	—	—	—	—	—
7	Availability .....	18,293,061	—	—	3,321,083	135,287,837	—	—	—	—
<u>Converted to secondary fuel: (1)</u>										
8	(a) To electricity:									
9	By utilities .....	8,479,952	—	—	—	—	—	—	—	—
10	By industry .....	206,445	—	—	—	—	—	—	—	—
	(b) To coke, coke oven gas and blast furnace gas.	6,591,641	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	532,424	135,285,916	—	—	—	—
12	Net primary supply .....	3,015,023	—	—	2,788,659	1,921	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	4,590,403	72,466,901	3,203,382	—	2,846,903	51,876,047	5,418,332	11,133,137
14	Exports .....	—	122,767	—	433	—	—	119,524	35,641	372
15	Imports .....	—	255,538	—	223,159	—	—	—	73,841	97,500
16	Inter-regional transfers .....	—	189,215	—	174,665	—	—	7,979,838	1,316,650	2,131,886
17	Stock change .....	—	55,563	—	— 181,985	—	—	685,173	95,637	32,076
18	Other products used .....	—	—	—	—	—	—	53,944	—	—
19	Inter-product transfers .....	—	—	—	— 2,760,393	—	—	1,308,225	— 3,033,729	— 2,011,941
20	Losses and adjustments .....	—	—	—	— 111,992	—	— 244,100	— 507,691	— 43,005	— 168,874
21	Availability .....	—	4,856,826	72,466,901	1,134,357	—	3,091,003	60,921,098	3,686,821	11,149,111
<u>Transformed into secondary fuel:</u>										
22	(a) To electricity:									
23	By utilities .....	—	—	—	679,736	—	—	—	—	118,581
	By industry .....	—	—	—	—	—	—	—	—	4,278
24	Net secondary supply .....	—	4,856,826	71,787,165	1,134,257	—	3,091,003	60,921,098	3,686,821	11,026,252
25	Total net supply, primary and secondary .....	3,015,023	4,856,826	71,787,165	3,923,016	1,921	3,091,003	60,921,098	3,686,821	11,026,252
<u>Consumption</u>										
26	Energy supply industries .....	—	—	—	92,036	—	2,966,408	64,084	16,675	140,511
<u>Transportation:</u>										
27	(a) Road .....	—	—	—	—	—	—	60,957,259	—	2,800,000
28	(b) Rail .....	2,080	—	—	—	—	—	—	54,011	3,473,046
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	249,959	—	—	—	—	—	—	4,221	400,354
31	Domestic and farm .....	83,406	9,724	—	3,726,444	—	—	—	2,578,393	750,963
32	Commercial .....	315,000	—	—	—	—	—	—	300,000	700,000
33	Industrial .....	2,094,651	4,715,509	69,198,797	332,516	—	—	—	632,646	2,425,920
34	Non energy use .....	—	—	—	—	—	—	—	—	—
35	Losses and adjustments .....	269,927	131,593	2,588,368	— 227,980	1,921	124,595	— 100,245	100,875	335,458
36	Total .....	3,015,023	4,856,826	71,787,165	3,923,016	1,921	3,091,003	60,921,098	3,686,821	11,026,252

(1) In addition to energy products produced, 10,621,420 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries de pétrole ont produit 10,621,420 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

## Disponibilité et consommation d'énergie au Canada

Région 3, Ontario, 1970, unités naturelles

Light fuel oil	Heavy fuel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazuts légers	Mazuts lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		N°
barrels of 35 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kwh		
								<u>Disponibilité d'énergie primaire</u>
-	-	-	-	-	17,063,893	40,053,858	...	Production .....
-	-	-	-	-	33,637,598	3,598,358	...	Exportations .....
-	-	-	-	-	10,751,231	2,866,068	...	Importations .....
-	-	-	-	-	471,083,656	6,364,012	...	Transferts - d'une région à une autre .....
-	-	-	-	-	20,126,881	-	...	Changement à l'inventaire .....
-	-	-	-	-	18,211	-	...	Transferts - d'un produit à un autre .....
								7
					445,152,512	45,685,580	...	Disponibilité .....
								<u>Convertie en combustible secondaire: (1)</u>
-	-	-	-	-	351,100	-	...	a) En énergie électrique:
-	-	-	-	-	8,418,029	-	...	Par services .....
-	-	-	-	-	-	-	...	Par industrie .....
-	-	-	-	-	-	-	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....
-	-	-	-	-	-	-	...	c) En produits raffinés .....
					436,383,383	45,685,580	...	Disponibilité primaire nette .....
								12
								<u>Disponibilité d'énergie secondaire</u>
23,352,457	21,504,911	5	77,434	3,169,602	-	23,802,592(2)	...	Sorties .....
1,432,003	159,443	-	-	2,522	-	-	...	Exportations .....
392,248	2,524,071	779,641	-	942,399	-	-	...	Importations .....
3,098,128	10,401,502	-	188,820	573,281	-	-	...	Transferts - d'une région à une autre .....
845,200	416,073	- 46,327	- 4,545	6,828	-	-	...	Changement à l'inventaire .....
6,107	-	-	-	2	-	-	...	Autres matières utilisées .....
3,224,518	1,191,728	-	- 5,529	- 33,889	-	-	...	Transferts - d'un produit à un autre .....
- 1,106,188	- 12,453	-	- 11,594	28,513	-	-	...	Pertes et ajustements .....
								20
39,807,443	35,059,149	825,973	276,864	4,613,532	-	23,802,592	...	Disponibilité .....
								21
								<u>Transformée en combustible secondaire:</u>
1,033,449	-	841,231	-	-	-	-	...	a) En énergie électrique:
							...	Par services .....
							...	Par industrie .....
38,773,994	34,217,918	825,973	276,864	4,613,532	-	23,802,592	...	Disponibilité secondaire nette .....
								24
38,773,994	34,217,918	825,973	276,864	4,613,532	436,383,383	69,488,172	...	Total net de la disponibilité, primaire et secondaire .....
								25
								<u>Consommation</u>
20,459	5,252,154	15,912	89	12,516	33,231,224	6,057,341	...	Les industries d'énergie .....
- 70,259	81,888	-	-	-	-	-	...	Transport:
-	-	-	260,066	4,606,480	-	-	...	a) Routier .....
8,962	2,115,748	-	-	-	-	-	...	b) Ferroviaire .....
28,743,150	1,756,056	-	-	-	101,238,857	17,586,933	...	c) Aviation .....
7,400,000	10,000,000	-	-	-	81,120,245	17,043,160	...	d) Marine marchande .....
3,389,542	12,678,207	-	-	-	215,093,147	28,800,738	...	Résidences et fermes .....
-	-	810,061	-	-	-	-	...	Utilisation commerciale .....
- 858,378	2,333,865	-	16,709	- 5,464	5,699,910	-	...	Utilisation industrielle .....
38,773,994	34,217,918	825,973	276,864	4,613,532	436,383,383	69,488,172	...	Utilisation autre que pour l'énergie .....
								Pertes et ajustements .....
								35
								Total .....
								36

(1) Comprises electricity generated from fuel types as follows: — Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon .....	22,459,956 kwh. - '000 - kwh	Blast furnace gas - Gaz de hauts fourneaux ...	65,061 kwh. - '000 - kwh
Fuel oils - Mazouts .....	668,420 " " "	Coke oven gas - Gaz de fours à coke .....	21,914 " " "
Diesel oil - Huile diesel ....	57,313 " " "	Unknown - Non connu .....	200 " " "
Natural gas - Gaz naturel ....	529,728 " " "		

## General Energy Supply and Demand in Canada

Region 4, Prairies, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens				
<u>Primary energy supply</u>										
1	Production .....	10,603,102	—	—	32,264,838	476,100,502	—	—	—	—
2	Exports .....	2,412,261	—	—	20,727,916	240,747,109	—	—	—	—
3	Imports .....	3,095	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	— 497,123	—	—	5,048,042	— 154,002,393	—	—	—	—
5	Stock change .....	536,312	—	—	394,329	1,102,629	—	—	—	—
6	Inter-product transfers .....	—	—	—	285,971	—	—	—	—	—
7	Availability .....	7,160,501	—	—	5,808,580	80,248,371	—	—	—	—
Converted to secondary fuel:(1)										
8	(a) To electricity:									
8	By utilities .....	5,985,843	—	—	—	—	—	—	—	—
9	By industry .....	72	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas.	—	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	1,161,439	79,278,406	—	—	—	—
12	Net primary supply .....	1,174,586	—	—	4,647,141	969,965	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	—	—	914,034	—	3,539,835	36,422,497	2,977,710	15,558,281
14	Exports .....	—	—	—	6,745	—	—	—	—	—
15	Imports .....	—	13,391	—	—	—	—	12,731	3,031	266,568
16	Inter-regional transfers .....	—	—	—	—	—	—	— 1,592,027	— 252,471	— 1,709,279
17	Stock change .....	—	—	—	—	—	—	24,061	— 20,912	762,103
18	Other products used .....	—	—	—	—	—	—	232,287	— 875,810	— 400,121
19	Inter-product transfers .....	—	—	—	—	—	—	—	251,324	— 577,560
20	Losses and adjustments .....	—	—	—	—	—	— 175,000	—	73,733	— 381,793
21	Availability .....	—	13,640	—	649,482	—	3,714,835	34,753,177	2,926,773	13,329,220
Transformed into secondary fuel:										
22	(a) To electricity:									
22	By utilities .....	—	—	—	—	—	—	—	—	154,543
23	By industry .....	—	—	—	—	—	—	—	—	8,236
24	Net secondary supply .....	—	13,640	—	649,482	—	3,714,835	34,753,177	2,926,773	13,166,441
25	Total net supply, primary and secondary .....	1,174,586	13,640	—	5,296,623	969,965	3,714,835	34,753,177	2,926,773	13,166,441
<u>Consumption</u>										
26	Energy supply industries .....	4,072	—	—	63,343	1,113,173	3,714,835	17,065	1,580	34,039
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	34,251,290	—	2,000,000
28	(b) Rail .....	125,911	—	—	—	—	—	—	70,911	3,945,468
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	9,982	12,601
31	Domestic and farm .....	416,074	221	—	3,689,057	—	—	—	2,067,245	4,005,134
32	Commercial .....	14,600	—	—	—	39,576	—	—	410,000	700,000
33	Industrial .....	341,727	5,952	—	93,014	—	—	—	313,762	2,753,040
34	Non energy use .....	—	—	—	1,547,552	—	—	—	—	—
35	Losses and adjustments .....	272,202	7,467	—	— 96,343	— 182,784	—	484,822	53,293	— 283,841
36	Total .....	1,174,586	13,640	—	5,296,623	969,965	3,714,835	34,753,177	2,926,773	13,166,441

(1) In addition to energy products produced, 4,959,010 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries de pétrole ont produit 4,959,010 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

Review of the literature on the role of the state in Spain

#### **Section 4. Prairies, 1970, unités naturelles**

(2) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

...plus electricity generated from other types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon .....	7,653,973	kwh. - '000 - kwh	Natural gas - Gás naturel .....	4,698,536	kwh. - '000 - kwh
Fuel oils - Matraux .....	232,646	" " "	Unknown - Non connu .....	260,666	" " "
Diesel oil - Huile diesel .....	57,074	" " "			

Aviation turbo fuel - Carburéacteurs pour turbines à gaz d'aviation ...

## Detailed Energy Supply and Demand in Canada

Region 5, British Columbia, Yukon and Northwest Territories, 1970, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene	Diesel fuel oil — Huiles diesel
		short tons		Mcf. — Mpc.	barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
		tonnes courtes								
<u>Primary energy supply</u>										
1	Production .....	3,483,062	—	—	728,991	27,327,114	—	—	—	—
2	Exports .....	1,926,723	—	—	243,296	3,719,094	—	—	—	—
3	Imports .....	102	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	— 248,261	—	—	909,316	20,221,320	—	—	—	—
5	Stock change .....	838,992	—	—	— 7,797	— 51,911	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 61,864	—	—	—	—	—
7	Availability .....	469,188	—	—	1,340,944	43,881,251	—	—	—	—
Converted to secondary fuel:(1)										
8	(a) To electricity: By utilities .....	—	—	—	8,723	9,875	—	—	—	—
9	By industry .....	—	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	240,873	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	49,159	44,795,600	—	—	—	—
12	Net primary supply .....	228,315	—	—	1,283,062	— 924,224	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	190,970	2,634,380	726,213	—	2,261,040	16,931,652	2,285,287	10,497,735
14	Exports .....	—	95,787	—	90,872	—	—	747,334	—	436,70
15	Imports .....	—	9,590	—	—	—	—	8,876	10,847	267,19
16	Inter-regional transfers .....	—	—	—	— 348	—	—	886,084	186,099	1,723,33
17	Stock change .....	—	2,042	—	3,663	—	—	46,448	— 63,078	— 150,46
18	Other products used .....	—	—	—	—	—	—	7,382	—	—
19	Inter-product transfers .....	—	—	—	— 96,039	—	—	134,327	— 846,985	— 3,329,100
20	Losses and adjustments .....	—	—	—	— 21,541	—	— 71,400	75,498	— 64,111	— 116,509
21	Availability .....	—	102,731	2,634,380	513,750	—	2,332,440	17,099,041	1,762,488	8,756,425
Transformed into secondary fuel:										
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	348,779
23	By industry .....	—	—	—	—	—	—	—	—	214,325
24	Net secondary supply .....	—	102,731	2,634,380	513,750	—	2,332,440	17,099,041	1,762,488	8,193,321
25	Total net supply, primary and secondary .....	228,315	102,731	2,634,380	1,796,812	— 924,224	2,332,440	17,099,041	1,762,488	8,193,321
<u>Consumption</u>										
26	Energy supply industries .....	37,790	—	—	— 3,224	—	2,332,440	18,325	185	72,612
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	16,930,496	—	1,000,000
28	(b) Rail .....	379	—	—	—	—	—	—	29,303	1,278,925
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	27,031	1,207,170
31	Domestic and farm .....	25,313	—	—	1,401,442	—	—	—	1,122,211	366,368
32	Commercial .....	12,600	—	—	—	2,152	—	—	190,000	640,000
33	Industrial .....	112,977	90,212	2,634,380	207,821	—	—	—	478,321	3,763,213
34	Non energy use .....	—	—	—	185,569	—	—	—	—	—
35	Losses and adjustments .....	39,256	12,519	—	5,204	— 926,376	—	150,220	— 84,563	— 134,967
36	Total .....	228,315	102,731	2,634,380	1,796,812	— 924,224	2,332,440	17,099,041	1,762,488	8,193,321

(1) In addition to energy products produced, 1,654,961 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries ont produit 1,654,961 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Egalemen, d'autres produits non énergétiques e.g. le brai, étaient produits.

## Sécurité et écoulement d'énergie au Canada

Révision 5, Colombie-Britannique, Yukon, Territoires du Nord-Ouest, 1970, unités naturelles

\*) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Fuel oils - Mazouts ..... 705,032 kWh. - '000 - kWh  
 Diesel oil - Huile diesel ..... 255,403 " " "

Natural gas - Gaz naturel ... 1,538,614 kwh. - '000 - kwh.  
 Propane ... 2,746 " " "

Diesel oil - Huile diesel ... 255,407 " " "

Propane ..... 2,746 it it it

Crude oil - Mktrolé brut ..... 7,139 "

Ward 5 - 3415 - May 2001 - 221,001

## Detailed Energy Supply and Demand in Canada

Canada, 1971, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons		Mcf. — Mpc.	barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
		tonnes courtes								
<u>Primary energy supply</u>										
1	Production .....	18,432,199	—	—	37,710,570	538,744,296	—	—	—	—
2	Exports .....	7,719,567	—	—	22,413,430	272,783,283	—	—	—	—
3	Imports .....	17,842,544	—	—	—	244,243,043	—	—	—	—
4	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
5	Stock change .....	127,198	—	—	2,180,663	577,192	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 86,794	—	—	—	—	—
7	Availability .....	28,427,978	—	—	13,029,683	509,626,864	—	—	—	—
<u>Converted to secondary fuel: (1)</u>										
8	(a) To electricity:									
9	By utilities .....	17,213,408	—	—	9,723	33,513	—	—	—	—
10	By industry .....	170,036	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas.	7,341,833	—	—	—	—	—	—	—	—
12	(c) To refined products .....	—	—	—	1,153,823	507,463,990	—	—	—	—
12	Net primary supply .....	3,702,701	—	—	11,866,137	2,129,361	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	5,105,792	81,445,116	7,521,580	—	14,467,238	166,988,730	22,954,221	60,605,731
14	Exports .....	—	182,587	—	178,977	—	—	611,097	75,373	302,031
15	Imports .....	—	646,428	—	12,868	—	—	4,092,215	1,434,030	3,711,291
16	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
17	Stock change .....	—	155,649	—	— 22,469	—	— 639	— 5,045,290	512,773	835,887
18	Other products used .....	—	—	—	—	—	—	— 251,267	—	131
19	Inter-product transfers .....	—	—	—	— 2,223,391	—	— 27,800	— 1,533,445	— 5,215,534	— 10,368,191
20	Losses and adjustments .....	—	—	—	— 89,319	—	— 1,046,615	— 1,738,021	— 1,246,025	— 604,721
21	Availability .....	—	5,413,984	81,445,116	5,065,230	—	15,486,692	175,970,981	19,830,596	52,206,253
<u>Transformed into secondary fuel:</u>										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	969,357
23	By industry .....	—	—	559,187	—	—	—	—	—	351,480
24	Net secondary supply .....	—	5,413,984	80,885,929	5,065,230	—	15,486,692	175,970,981	19,830,596	50,885,416
25	Total net supply, primary and secondary .....	3,702,701	5,413,984	80,885,929	16,931,367	2,129,361	15,486,692	175,970,981	19,830,596	50,885,416
<u>Consumption</u>										
26	Energy supply industries .....	22,078	—	—	689,775	1,113,295	15,248,539	217,785	15,822	444,691
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	173,385,866	—	8,405,000
28	(b) Rail .....	124,401	—	—	—	—	—	—	241,860	12,902,464
29	(c) Air .....	—	—	—	—	—	—	—	—	66,484
30	(d) Marine (excluding Navy) .....	149,487	—	—	—	—	—	—	—	5,832,158
31	Domestic and farm .....	543,344	7,739	—	12,828,031	—	—	—	13,856,545	6,086,491
32	Commercial .....	315,500	—	—	—	61,544	—	—	1,913,000	3,440,000
33	Industrial .....	2,339,614	5,116,479	78,622,942	1,796,250	—	—	—	2,978,590	13,032,751
34	Non energy use .....	—	—	—	1,521,586	—	—	—	—	—
35	Losses and adjustments .....	208,277	289,766	2,262,987	95,725	954,522	238,153	2,367,330	758,295	741,861
36	Total .....	3,702,701	5,413,984	80,885,929	16,931,367	2,129,361	15,486,692	175,970,981	19,830,596	50,885,416

(1) In addition to energy products produced, 32,139,111 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus de produits énergétiques, les raffineries ont produit 32,139,111 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le bitume, étaient produits.

## Disponibilité et événement d'énergie au Canada

Canada, 1971, unités naturelles

Light fuel oil — Mazout légers	Heavy fuel oil — Mazout lourds	Pétroleum coke — Coke de pétrole	Aviation gasoline — Essence d'aviation	Aviation turbo fuel — Carburateurs pour turbines à gaz d'aviation	Natural gas — Gaz naturel	Electricity — Énergie électrique	Total		N°
<b>barrels of 35 Canadian gallons — en barils de 35 gallons canadiens</b>									
—	—	—	—	—	Mcf. — Mpc.	kwh. — '000-kWh			
—	—	—	—	—	2,279,110,191	164,972,531	...	<u>Disponibilité d'énergie primaire</u>	
—	—	—	—	—	910,778,277	7,320,922	...	Production .....	1
—	—	—	—	—	14,348,756	3,378,377	...	Exportations .....	2
—	—	—	—	—	—	—	...	Importations .....	3
—	—	—	—	—	—	—	...	Transferts — d'une région à une autre .....	4
—	—	—	—	—	—	—	...	Changement à l'inventaire .....	5
—	—	—	—	—	—	—	...	Transferts — d'un produit à un autre .....	6
—	—	—	—	—	355,422	—	...		
—	—	—	—	—	1,386,062,071	161,029,986	...	<u>Disponibilité .....</u>	7
—	—	—	—	—	70,332,525	—	...	<u>Convertie en combustible secondaire:</u> (1)	
—	—	—	—	—	23,163,012	—	...	a) En énergie électrique:	
—	—	—	—	—	—	—	...	Par services .....	8
—	—	—	—	—	—	—	...	Par industrie .....	9
—	—	—	—	—	—	—	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....	10
—	—	—	—	—	—	—	...	c) En produits raffinés .....	11
—	—	—	—	—	1,292,566,534	161,029,986	...	<u>Disponibilité primaire nette .....</u>	12
58,863,983	104,452,323	990,906	1,173,009	16,212,041	—	51,499,672(2)	...	<u>Disponibilité d'énergie secondaire</u>	
1,246,326	9,643,049	—	—	281,147	—	—	...	Sorties .....	13
10,047,502	29,870,711	1,913,927	85,418	1,570,701	—	—	...	Exportations .....	14
—	—	—	—	—	—	—	...	Importations .....	15
2,936,185	3,792,871	18,654	— 50,534	— 46,246	—	—	...	Transferts — d'une région à une autre .....	16
8,560	—	—	—	—	—	—	...	Changement à l'inventaire .....	17
13,978,253	1,788,814	—	143,264	— 229,307	—	—	...	Autres matières utilisées .....	18
— 4,302,290	— 3,096,123	—	2,249	17,339	—	—	...	Transferts — d'un produit à un autre .....	19
104,038,077	125,772,051	2,886,179	1,450,539	17,301,603	—	51,499,672	...	<u>Disponibilité .....</u>	21
716,799	10,577,567	—	—	1,167	—	—	...	<u>Transformée en combustible secondaire:</u>	
173,344	4,340,793	—	—	—	—	—	...	a) En énergie électrique:	
—	—	—	—	—	—	—	...	Par services .....	22
—	—	—	—	—	—	—	...	Par industrie .....	23
103,147,934	110,853,691	2,886,179	1,450,539	17,300,436	—	51,499,672	...	<u>Disponibilité secondaire nette .....</u>	24
103,147,934	110,853,691	2,886,179	1,450,539	17,300,436	1,292,566,534	212,529,658	...	<u>Total net de la disponibilité, primaire et secondaire.</u>	25
<u>Consommation</u>									
121,287	14,819,337	268,522	270	15,318	272,085,842	18,390,497	...	Les industries d'énergie .....	26
—	—	—	—	—	—	—	...	Transport:	
359,606	1,473,728	—	—	—	—	—	...	a) Routier .....	27
—	—	—	—	—	—	—	...	b) Ferroviaire .....	28
100,820	10,831,696	—	1,417,417	17,167,054	—	—	...	c) Aviation .....	29
74,406,368	5,541,059	—	—	—	251,094,085	46,541,538	...	d) Marine marchande .....	30
18,020,000	32,910,000	—	—	—	220,433,943	47,776,526	...	Résidences et fermes .....	31
10,223,646	39,487,078	—	—	—	452,703,099	99,821,097	...	Utilisation commerciale .....	32
—	—	2,433,412	—	—	—	—	...	Utilisation industrielle .....	33
— 83,793	5,790,793	184,245	32,852	118,064	96,249,565	—	...	Utilisation autre que pour l'énergie ..	34
103,147,934	110,853,691	2,886,179	1,450,539	17,300,436	1,292,566,534	212,529,658	...	Perthes et ajustements .....	35
—	—	—	—	—	—	—	...	<u>Totai .....</u>	36

(1) Comprises electricity generated from fuel types as follows: — Comprend l'énergie électrique produite à partir de combustibles:

Coal — Charbon .....	35,456,236	kwh. — '000 — kwh	Natural gas — Gaz naturel .....	6,840,426	kwh. — '000 — kwh
Fuel oils — Mazout .....	7,393,346	" " "	Blast furnace gas — Gaz de hauts fourneaux ..	100,305	" " "
Diesel oil — Huile diesel .....	569,925	" " "	Coke oven gas — Gaz de fours à coke .....	17,628	" " "
Aviation turbo fuel — Carburateurs pour turbines à gaz d'aviation .....	3,008	" " "	Propane .....	3,008	" " "
Crude oil — Pétrole brut .....	— 4,519	" " "	Wood — Bois .....	982,248	" " "
			Unknown — Non connu .....	140,839	" " "

## Detailed Energy Supply and Demand in Canada

Region 1. Atlantic, 1971, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons		Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens				
			tonnes courtes							
<u>Primary energy supply</u>										
1	Production .....	2,482,698	—	—	—	9,598	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	192,787	—	—	—	73,314,576	—	—	—	—
4	Inter-regional transfers .....	— 466,074	—	—	20,107	—	—	—	—	—
5	Stock change .....	27,583	—	—	—	— 3	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	2,181,828	—	—	20,107	73,324,177	—	—	—	—
Converted to secondary fuel: (1)										
8	(a) To electricity:									
9	By utilities .....	1,058,441	—	—	—	—	—	—	—	—
10	By industry .....	15,982	—	—	—	—	—	—	—	—
	(b) To coke, coke oven gas and blast furnace gas.	546,179	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	73,315,167	—	—	—	—
12	Net primary supply .....	561,226	—	—	20,107	9,010	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	384,921	6,010,732	1,054,928	—	2,206,947	15,687,573	3,462,342	6,495,593
14	Exports .....	—	—	—	—	—	—	—	—	—
15	Imports .....	—	257,541	—	—	—	—	217,974	339,000	2,659,966
16	Inter-regional transfers .....	—	— 83,616	—	6,728	—	—	— 734,453	— 459,386	388,110
17	Stock change .....	—	— 1,079	—	— 12,482	—	—	382,074	190,999	393,593
18	Other products used .....	—	—	—	—	—	—	13,024	—	—
19	Inter-product transfers .....	—	—	—	62,135	—	—	— 596,687	1,246,597	— 1,850,695
20	Losses and adjustments .....	—	—	—	20,521	—	—	— 341,961	— 362,134	— 58,912
21	Availability .....	—	559,925	6,010,732	1,115,752	—	2,206,947	14,547,318	4,759,688	7,358,293
Transformed into secondary fuel:										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	207,352
	By industry .....	—	—	147,607	—	—	—	—	—	9,371
24	Net secondary supply .....	—	559,925	5,863,125	1,115,752	—	2,206,947	14,547,318	4,759,688	7,141,570
25	Total net supply, primary and secondary .....	561,226	559,925	5,863,125	1,135,859	9,010	2,206,947	14,547,318	4,759,688	7,141,570
<u>Consumption</u>										
26	Energy supply industries .....	12,986	—	—	306,132	6	2,096,402	60,422	2,537	29,299
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	13,594,836	—	625,000
28	(b) Rail .....	10,978	—	—	—	—	—	—	24,764	1,298,378
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	1,491	2,740,420
31	Domestic and farm .....	105,058	1,196	—	439,638	—	—	—	3,997,736	329,005
32	Commercial .....	85,000	—	—	—	8,384	—	—	78,000	615,000
33	Industrial .....	2,789	322,587	5,613,125	137,386	—	—	—	458,606	1,156,402
34	Non energy use .....	—	—	—	252,703	—	—	—	—	—
35	Losses and adjustments .....	344,415	236,142	250,000	—	620	110,545	892,060	196,554	348,066
36	Total .....	561,226	559,925	5,863,125	1,135,859	9,010	2,206,947	14,547,318	4,759,688	7,141,570

(1) In addition to energy products produced, 1,814,027 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries ont produit 1,814,027 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de napthe, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

## Discussion et conclusions d'ensemble au Canada

## Résumé

Région I, Atlantique, 1971, unités naturelles

Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon ..... 2,105,441 kWh. - '000 - kWh  
 Fuel oils - Mazouts ..... 5,292,553 " " "  
 Diesel oil - Huile diesel .... 88,601 " " "

Blast furnace gas - Gaz de haute fourneaux .....	23,358	kwh, - '000 - kWh
Coke oven gas - Gaz de fours à coke .....	4,359	" " "
Unknown - Non connu .....	9,057	" " "

## Detailed Energy Supply and Demand in Canada

Region 2, Quebec, 1971, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.	barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
<u>Primary energy supply</u>										
1	Production .....	—	—	—	—	—	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	702,643	—	—	170,519,818	—	—	—	—	—
4	Inter-regional transfers .....	273,459	—	—	1,070,458	—	—	—	—	—
5	Stock change .....	— 3,893	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	979,995	—	—	1,070,458	170,519,818	—	—	—	—
<u>Converted to secondary fuel: (1)</u>										
8	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	—
9	By industry .....	28,380	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	353,025	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	170,501,597	—	—	—	—
12	Net primary supply .....	598,590	—	—	1,070,458	18,221	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	266,923	3,570,336	2,556,583	—	3,348,972	43,851,046	8,891,231	14,645,924
14	Exports .....	—	—	—	—	—	—	—	20,882	96,021
15	Imports .....	—	90,265	—	10,386	—	—	3,849,665	954,673	368,761
16	Inter-regional transfers .....	—	63,897	—	120,116	—	—	7,420,782	— 582,506	— 2,111,651
17	Stock change .....	—	175,070	—	36,155	—	— 639	— 1,830,162	189,519	— 92,362
18	Other products used .....	—	—	—	—	—	—	28,155	—	—
19	Inter-product transfers .....	—	—	—	— 783,814	—	— 27,800	343,199	— 2,466,385	— 3,054,583
20	Losses and adjustments .....	—	—	—	— 21,287	—	— 79,515	205,843	— 217,573	1,189,103
21	Availability .....	—	246,015	3,570,336	1,888,403	—	3,401,326	42,275,602	6,369,039	8,655,690
<u>Transformed into secondary fuel:</u>										
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	163,128
23	By industry .....	—	—	—	—	—	—	—	—	66,980
24	Net secondary supply .....	—	246,015	3,570,336	1,888,403	—	3,401,326	42,275,602	6,369,039	8,425,582
25	Total net supply, primary and secondary .....	598,590	246,015	3,570,336	2,958,861	18,221	3,401,326	42,275,602	6,369,039	8,425,582
<u>Consumption</u>										
26	Energy supply industries .....	—	—	—	194,100	—	3,398,258	57,801	1,540	190,655
<u>Transportation:</u>										
27	(a) Road .....	—	—	—	—	—	—	41,702,249	—	1,600,000
28	(b) Rail .....	—	—	—	—	—	—	—	35,944	2,427,323
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) ...	776	—	—	—	—	—	—	2,448	1,440,921
31	Domestic and farm .....	6,987	1,389	—	2,065,746	—	—	—	4,226,285	340,510
32	Commercial .....	8,000	—	—	—	—	—	—	925,000	615,000
33	Industrial .....	594,881	243,927	3,170,336	699,015	—	—	—	1,040,543	2,173,557
34	Non energy use .....	—	—	—	—	—	—	—	—	—
35	Losses and adjustments .....	— 12,054	699	400,000	—	18,221	3,068	515,552	137,279	— 362,384
36	Total .....	598,590	246,015	3,570,336	2,958,861	18,221	3,401,326	42,275,602	6,369,039	8,425,582

(1) In addition to energy products produced, 11,780,244 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries ont produit 11,780,244 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également d'autres produits non énergétiques, e.g. le brai, étaient produits.

#### **Dispensary of substances of abuse in Canada**

Region 2, Québec, 1971. UNITÉS NATURELLES

(1) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon ..... 43,252 kwh. - '000 - kwh  
 Fuel oils - Mazouts ..... 637,982 " " "

Diesel oil - Huile diesel ..... 106,851 kwh. - '000 - kWh  
 Natural gas - Gaz naturel ..... 8,130 " " "

## Detailed Energy Supply and Demand by Commodity

Region 3, Ontario, 1971, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons — tonnes courtes		Mcf. — Mpc.		barrels of 35 Canadian gallons — en barils de 35 gallons canadiens				
<u>Primary energy supply</u>										
1	Production .....	—	—	—	—	958,104	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	16,932,198	—	—	—	408,649	—	—	—	—
4	Inter-regional transfers .....	361,710	—	—	2,805,129	134,519,840	—	—	—	—
5	Stock change .....	9,036	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	1,590	—	—	—	—
7	Availability .....	17,284,872	—	—	2,803,539	135,886,593	—	—	—	—
Converted to secondary fuel: (1)										
8	(a) To electricity:									
9	By utilities .....	9,435,911	—	—	—	—	—	—	—	—
10	By industry .....	125,643	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas .....	6,230,594	—	—	—	—	—	—	—	—
12	(c) To refined products .....	—	—	—	251,156	135,886,761	—	—	—	—
12	Net primary supply .....	1,492,724	—	—	2,552,383	— 168	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	4,288,287	69,545,064	2,283,165	—	3,199,957	53,769,077	4,804,399	11,455,511
14	Exports .....	—	139,832	—	106,425	—	—	166,822	54,491	2,211
15	Imports .....	—	278,912	—	2,482	—	—	355	140,057	
16	Inter-regional transfers .....	—	19,719	—	— 103,980	—	—	8,729,665	1,103,858	1,916,171
17	Stock change .....	—	— 34,383	—	— 49,074	—	—	— 1,674,972	— 39,683	224,935
18	Other products used .....	—	—	—	—	—	—	55,223	—	
19	Inter-product transfers .....	—	—	—	— 1,232,710	—	—	— 37,352	— 3,097,017	— 311,311
20	Losses and adjustments .....	—	—	—	83,090	—	—	— 489,042	— 622,874	— 163,779
21	Availability .....	—	4,481,469	69,545,064	808,516	—	3,558,357	64,514,160	3,559,363	11,996,325
Transformed into secondary fuel:										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	106,184
23	By industry .....	—	—	411,580	—	—	—	—	—	2,932
24	Net secondary supply .....	—	4,481,469	69,133,484	808,516	—	3,558,357	64,514,160	3,559,363	11,887,209
25	Total net supply, primary and secondary .....	1,492,724	4,481,469	69,133,484	3,360,899	— 168	3,558,357	64,514,160	3,559,363	11,887,209
<u>Consumption</u>										
26	Energy supply industries .....	—	—	—	115,675	—	3,433,817	65,954	9,867	142,031
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	64,406,656	—	3,000,000
28	(b) Rail .....	38	—	—	—	—	—	—	87,247	3,622,188
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	148,711	—	—	—	—	—	—	28,225	368,200
31	Domestic and farm .....	37,386	4,942	—	2,748,773	—	—	—	2,364,227	971,016
32	Commercial .....	200,000	—	—	—	—	—	—	310,000	770,000
33	Industrial .....	1,280,262	4,476,527	67,520,497	496,451	—	—	—	635,502	2,656,935
34	Non energy use .....	—	—	—	—	—	—	—	—	—
35	Losses and adjustments .....	— 173,671	—	1,612,987	—	— 168	124,540	41,550	124,295	356,839
36	Total .....	1,492,724	4,481,469	69,133,484	3,360,899	— 168	3,558,357	64,514,160	3,559,363	11,887,209

(1) In addition to energy products produced, 11,470,662 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. En plus des produits énergétiques, les raffineries ont produit 11,470,662 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le bras, étaient produits.

## Disponibilité et décalage d'énergie au Canada

Région 3, Ontario, 1971, unités naturelles

Light fuel oil	Heavy fuel oil	Pétroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazouts légers	Mazouts lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		
								No
barrels of 35 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kwh		
								<u>Disponibilité d'énergie primaire</u>
-	-	-	-	-	16,259,718	42,002,974	...	Production .....
-	-	-	-	-	32,225,671	4,060,059	...	Exportations .....
-	-	-	-	-	14,235,793	2,554,702	...	Importations .....
-	-	-	-	-	492,834,917	5,821,721	...	Transferts - d'une région à une autre .....
-	-	-	-	-	- 8,988,425	-	...	Changement à l'inventaire .....
-	-	-	-	-	6,513	-	...	Transferts - d'un produit à un autre .....
-	-	-	-	-	500,099,695	46,319,338	...	Disponibilité .....
								<u>Convertie en combustible secondaire:(1)</u>
-	-	-	-	-	8,924,957	-	...	a) En énergie électrique:
-	-	-	-	-	9,987,535	-	...	Par services .....
-	-	-	-	-	-	-	...	Par industrie .....
-	-	-	-	-	-	-	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....
-	-	-	-	-	-	-	...	c) En produits raffinés .....
-	-	-	-	-	481,187,203	46,319,338	...	Disponibilité primaire nette .....
								<u>Disponibilité d'énergie secondaire</u>
299,681	20,094,077	-	33,727	3,999,681	-	26,636,553(2)	...	Sorties .....
299,684	380,939	-	-	-	-	-	...	Exportations .....
215,882	1,196,195	206,037	-	205,819	-	-	...	Importations .....
217,863	11,086,324	-	201,213	599,357	-	-	...	Transferts - d'une région à une autre .....
1,302,851	311,037	-	- 9	51,518	-	-	...	Changement à l'inventaire .....
4,466	-	-	-	-	-	-	...	Autres matières utilisées .....
6,677,484	958,114	-	- 4,746	- 13,599	-	-	...	Transferts - d'un produit à un autre .....
796,110	- 376,663	-	- 19,775	13,057	-	-	...	Pertes et ajustements .....
39,778,951	33,019,397	206,037	249,978	4,726,683	-	26,636,553	...	Disponibilité .....
								<u>Transformée en combustible secondaire:</u>
634,561	-	687,518	-	-	-	-	...	a) En énergie électrique:
-	-	-	-	-	-	-	...	Par services .....
39,144,390	32,331,879	206,037	249,978	4,726,683	-	26,636,553	...	Par industrie .....
39,144,390	32,331,879	206,037	249,978	4,726,683	481,187,203	72,955,891	...	Disponibilité secondaire nette .....
								Total net de la disponibilité, primaire et secondaire .....
								<u>Consommation</u>
40,869	5,301,379	-	25	13,754	36,309,773	6,138,487	...	Les industries d'énergie .....
-	-	-	-	-	-	-	...	Transport:
62,385	131,616	-	-	-	-	-	...	a) Routier .....
-	-	-	-	241,789	4,701,039	-	...	b) Ferroviaire .....
12,423	2,157,144	-	-	-	-	-	...	c) Aviation .....
27,781,615	774,138	-	-	-	105,106,148	18,583,626	...	d) Marine marchande .....
7,600,000	9,300,000	-	-	-	93,491,563	19,004,023	...	Résidences et fermes .....
3,580,887	11,847,746	-	-	-	242,073,557	29,229,755	...	Utilisation commerciale .....
-	-	206,037	-	-	-	-	...	Utilisation industrielle .....
66,211	2,819,856	-	8,164	11,890	4,206,162	-	...	Utilisation autre que pour l'énergie .....
39,144,390	32,331,879	206,037	249,978	4,726,683	481,187,203	72,955,891	...	Pertes et ajustements .....
								Total .....

(1) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon .....	24,557,543	kwh. - '000 - kwh	Blast furnace gas - Gaz de hauts fourneaux .....	76,947	kwh. - '000 - kwh
Fuel oils - Mazouts ....	525,072	" " "	Coke oven gas - Gaz de fours à coke .....	13,269	" " "
Diesel oil - Huile diesel	52,459	" " "	Wood - Bois .....	200	" " "
Natural gas - Gaz naturel	1,411,063	" " "			

## Detailed Energy Supply and Demand in Canada

Region 4, Prairies, 1951, Natural Units

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
		short tons		Mcf. — Mpc.	barrels of 35 Canadian gallons — en barils de 35 gallons canadiens					
		tonnes courtes								
<u>Primary energy supply</u>										
1	Production .....	11,312,490	—	—	36,914,788	510,455,242	—	—	—	—
2	Exports .....	3,447,457	—	—	22,239,942	270,506,041	—	—	—	—
3	Imports .....	12,419	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	— 234,278	—	—	— 4,908,770	— 155,650,737	—	—	—	—
5	Stock change .....	36,064	—	—	2,183,960	486,636	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 78,308	—	—	—	—	—
7	Availability .....	7,607,110	—	—	7,503,808	83,811,828	—	—	—	—
Converted to secondary fuel:(1)										
8	(a) To electricity: By utilities .....	6,719,056	—	—	—	—	—	—	—	—
9	By industry .....	31	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	—	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	872,633	80,704,216	—	—	—	—
12	Net primary supply .....	888,023	—	—	6,631,175	3,107,612	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	—	—	749,619	—	3,412,670	36,093,217	3,284,368	16,032,307
14	Exports .....	—	—	—	—	—	—	—	—	—
15	Imports .....	—	12,038	—	—	—	—	12,271	300	147,710
16	Inter-regional transfers .....	—	—	—	— 2,969	—	—	— 2,093,091	— 324,941	— 2,000,413
17	Stock change .....	—	11	—	7,574	—	—	— 1,435,687	302,796	107,433
18	Other products used .....	—	—	—	—	—	—	148,217	—	—
19	Inter-product transfers .....	—	—	—	— 147,699	—	—	— 1,100,858	277,474	— 547,441
20	Losses and adjustments .....	—	—	—	5,449	—	— 519,000	— 1,692,438	37,530	— 411,214
21	Availability .....	—	12,027	—	585,928	—	3,931,670	36,187,881	2,896,875	13,936,363
Transformed into secondary fuel:										
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	155,927
23	By industry .....	—	—	—	—	—	—	—	—	24,913
24	Net secondary supply .....	—	12,027	—	585,928	—	3,931,670	36,187,881	2,896,875	13,755,523
25	Total net supply, primary and secondary .....	888,023	12,027	—	7,217,103	3,107,612	3,931,670	36,187,881	2,896,875	13,755,523
<u>Consumption</u>										
26	Energy supply industries .....	1,885	—	—	68,549	1,131,888	3,931,670	23,659	B52	39,511
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	35,578,666	—	1,980,000
28	(b) Rail .....	113,248	—	—	—	—	—	—	62,020	4,152,430
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	12,076	12,770
31	Domestic and farm .....	372,945	212	—	5,805,390	—	—	—	2,103,884	4,068,076
32	Commercial .....	12,500	—	—	—	73,532	—	—	380,000	690,000
33	Industrial .....	376,820	5,506	—	177,276	—	—	—	287,668	2,685,832
34	Non energy use .....	—	—	—	1,090,684	—	—	—	—	—
35	Losses and adjustments .....	10,625	6,309	—	75,204	1,902,192	—	585,556	50,375	126,244
36	Total .....	888,023	12,027	—	7,217,103	3,107,612	3,931,670	36,187,881	2,896,875	13,755,523

(1) In addition to energy products produced, 5,194,146 barrels of non-energy products, comprising petro-chemical feedstocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries de pétrole ont produit 5,194,146 barils de produits non énergétiques, comme des produits pétrochimiques pour l'alimentation, des spécialités de naphte, de l'asphalte, des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, e.g. le brai, étaient produits.

## Disponibilité et écoulement d'énergie au Canada

Région 4, Prairies, 1971, unités naturelles

Light fuel oil	Heavy fuel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazout lourds	Coke de pétrole	-	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		No
barrels or 15 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kwh		
								<u>Disponibilité d'énergie primaire</u>
								Production .....
					1,923,992,774	12,891,751	...	1
					281,380,810	686,787	...	2
					112,963	3,382	...	3
					984,674,139	- 410,365	...	4
					4,907,063	-	...	5
					320,668	-	...	6
					653,464,393	11,797,981	...	7
								Disponibilité .....
								Convertie en combustible secondaire:(1)
								a) En énergie électrique:
					57,413,210	-	...	8
					11,330,590	-	...	9
					-	-	...	10
					-	-	...	c) En produits raffinés .....
					584,720,593	11,797,981	...	11
								Disponibilité primaire nette .....
								12
								<u>Disponibilité d'énergie secondaire</u>
4,413,120	4,142,218	538,334	456,143	3,282,643	-	14,019,381(2)	...	Sorties .....
-	37,555	-	-	-	-	-	...	13
- 454,322	- 719,838	- 520,496	- 169,820	- 157,037	-	-	...	Exportations .....
- 31,082	- 4,092	13,161	- 21,235	- 18,919	-	-	...	14
-	-	-	397	204	-	-	...	Importations .....
130,311	- 28,613	-	4,070	- 12,520	-	-	...	15
159,975	84,140	-	- 34,834	- 1,538	-	-	...	Transferts - d'une région à une autre .....
							...	16
							...	Changement à l'inventaire .....
							...	17
							...	Autres matières utilisées .....
							...	18
							...	Transferts - d'un produit à un autre .....
							...	19
							...	Pertes et ajustements .....
							...	20
								Disponibilité .....
								21
								Transformée en combustible secondaire:
71,148	235,798	-	-	1,167	-	-	...	a) En énergie électrique:
45,294	74,832	-	-	-	-	-	...	Par services .....
							...	22
							...	Par industrie .....
							...	23
4,093,772	2,965,534	4,697	346,859	3,132,684	-	14,019,381	...	Disponibilité secondaire nette .....
							...	24
4,093,772	2,965,534	4,697	346,859	3,132,684	584,720,593	25,817,362	...	Total net de la disponibilité, primaire et secondaire .....
							...	25
								<u>Consommation</u>
2,000	1,218,425	-	164	280	172,728,330	3,208,221	...	Les industries d'énergie .....
-	-	-	-	-	-	-	...	26
45,157	165,124	-	-	-	-	-	...	Transport:
-	-	-	342,921	3,089,338	-	-	...	a) Routier .....
843	68,019	-	-	-	-	-	...	b) Ferroviaire .....
3,374,517	2,715	-	-	-	103,041,438	6,778,853	...	c) Aviation .....
130,800	960,000	-	-	-	97,662,885	7,511,194	...	d) Marine marchande .....
354,416	535,260	-	-	-	132,018,834	8,319,094	...	Résidences et fermes .....
-	-	4,512	-	-	-	-	...	31
- 63,61	15,991	185	3,774	43,066	79,269,106	-	...	Utilisation commerciale .....
							...	32
							...	Utilisation industrielle .....
							...	33
							...	Utilisation autre que pour l'énergie .....
							...	34
							...	Pertes et ajustements .....
							...	35
4,093,772	2,965,534	4,697	346,859	3,132,684	584,720,593	25,817,362	...	Total .....
							...	36

(1) Comprises électricité générée à partir de combustibles suivants: - Comprend l'énergie électrique produite à partir de combustibles:

Coal - Charbon .....	8,750,000	kwh. - '000 - kwh	Natural gas - Gaz naturel .....	4,940,521	kwh. - '000 - kwh
Fuel oils - Mazout .....	133,680	" " "	Unknown - Non connu .....	131,782	" " "
Diesel oil - Huile diesel .....	63,168	" " "			
Aviation turbo fuel - Carburateurs					
pour turbines à gaz d'aviation .....	230	" " "			

Detailed Energy Supply and Demand in Canada  
Region 5, British Columbia, Yukon and Northwest Territories, 1971, segment 5

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
short tons tonnes courtes										
Mcf. — Mpc.										
barrels of 35 Canadian gallons — en barils de 35 gallons canadiens										
<b>Primary energy supply</b>										
1	Production .....	4,637,011	—	—	795,782	27,321,352	—	—	—	—
2	Exports .....	4,272,110	—	—	173,488	2,277,242	—	—	—	—
3	Imports .....	2,497	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	65,183	—	—	1,013,076	21,130,897	—	—	—	—
5	Stock change .....	58,408	—	—	— 3,297	90,559	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 6,896	—	—	—	—	—
7	Availability .....	374,173	—	—	1,631,771	46,084,448	—	—	—	—
<b>Converted to secondary fuel:(1)</b>										
8	(a) To electricity:									
9	By utilities .....	—	—	—	9,723	33,513	—	—	—	—
10	By industry .....	—	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas.	212,035	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	30,034	47,056,249	—	—	—	—
12	Net primary supply .....	162,138	—	—	1,592,014	— 1,005,314	—	—	—	—
<b>Secondary energy supply</b>										
13	Output .....	—	165,661	2,318,984	877,285	—	2,298,692	17,587,817	2,511,881	11,973,770
14	Exports .....	—	42,755	—	72,552	—	—	444,275	—	203,946
15	Imports .....	—	7,672	—	—	—	—	11,950	—	535,326
16	Inter-regional transfers .....	—	—	—	— 19,895	—	—	1,518,661	262,975	1,807,780
17	Stock change .....	—	16,030	—	— 4,642	—	—	— 486,543	— 130,858	202,700
18	Other products used .....	—	—	—	—	—	—	6,648	—	33
19	Inter-product transfers .....	—	—	—	— 121,303	—	—	— 141,747	— 1,176,203	3,604,375
20	Losses and adjustments .....	—	—	—	1,546	—	— 89,700	579,577	— 516,120	49,333
21	Availability .....	—	114,548	2,318,984	666,631	—	2,388,392	18,446,020	2,245,631	11,259,582
<b>Transformed into secondary fuel:</b>										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	336,766
23	By industry .....	—	—	—	—	—	—	—	—	347,284
24	Net secondary supply .....	—	114,548	2,318,984	666,631	—	2,388,392	18,446,020	2,245,631	9,475,332
25	Total net supply, primary and secondary .....	162,138	114,548	2,318,984	2,258,645	— 1,005,314	2,388,392	18,446,020	2,245,631	9,675,532
<b>Consumption</b>										
26	Energy supply industries .....	7,207	—	—	5,319	— 18,599	2,388,392	9,949	1,026	43,195
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	18,103,459	—	1,200,000
28	(b) Rail .....	137	—	—	—	—	—	—	31,885	1,402,155
29	(c) Air .....	—	—	—	—	—	—	—	—	22,244
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	—	1,269,377
31	Domestic and farm .....	20,970	—	—	1,768,484	—	—	—	1,164,413	377,888
32	Commercial .....	10,000	—	—	—	— 20,372	—	—	220,000	750,000
33	Industrial .....	84,862	67,932	2,318,984	286,122	—	—	—	556,271	4,360,025
34	Non energy use .....	—	—	—	178,199	—	—	—	—	—
35	Losses and adjustments .....	38,962	46,616	—	20,521	— 966,343	—	332,612	249,792	272,436
36	Total .....	162,138	114,548	2,318,984	2,258,645	— 1,005,314	2,388,392	18,446,020	2,245,631	9,675,532

(1) In addition to energy products produced, 1,880,032 barrels of non-energy products, comprising petro-chemical feed stocks, naphtha specialties, asphalt and lubricating oils and greases, were produced at refineries. Furthermore, other non-energy products e.g. pitch from coal, were also produced. — En plus des produits énergétiques, les raffineries ont produit 1,880,032 barils de produits non énergétiques, comme des produits pétro-chimiques pour l'industrie, de l'asphalte et des huiles et des graisses lubrifiantes. Également, d'autres produits non énergétiques, tels que le goudron de la houille, étaient produits.

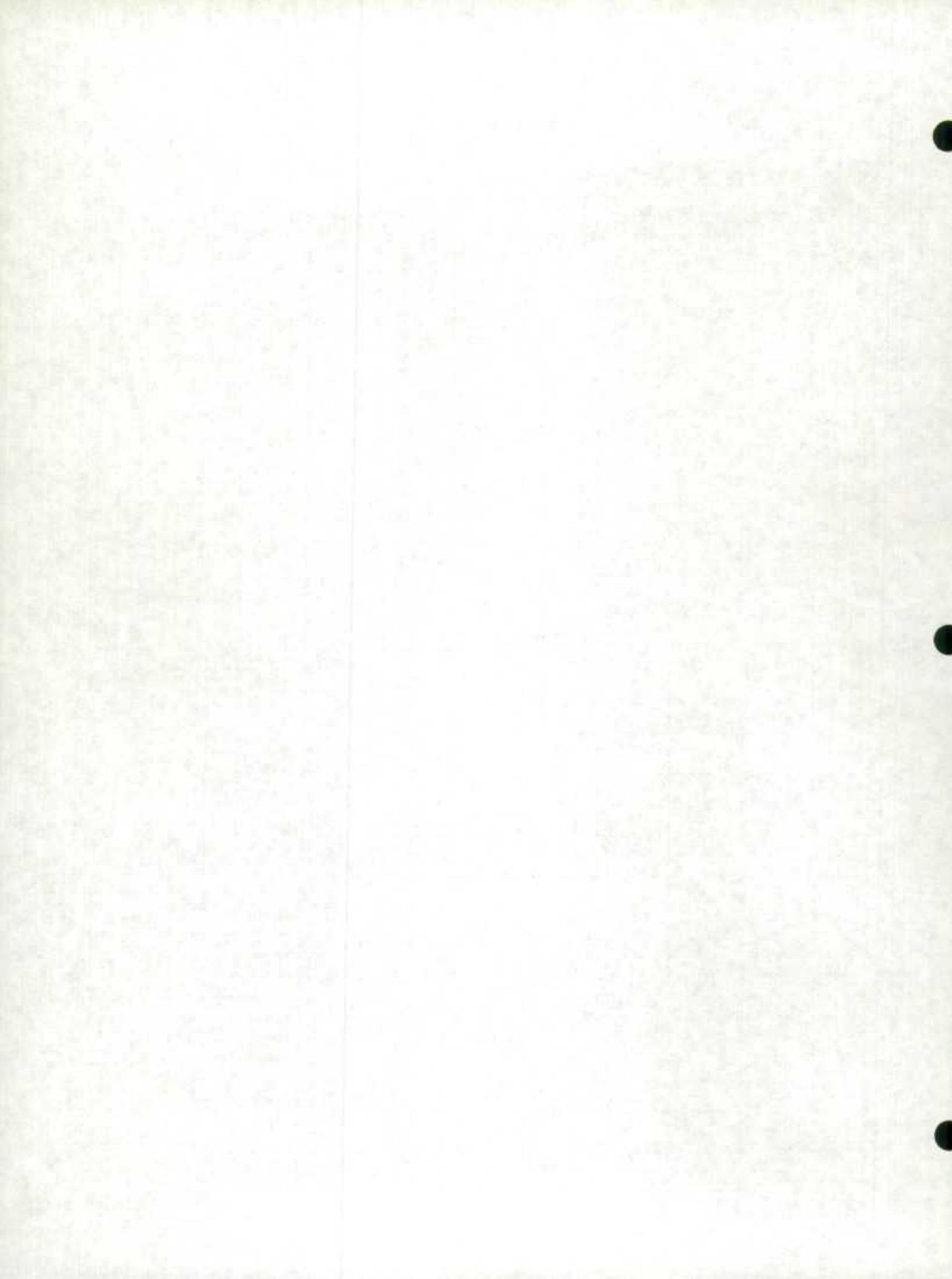
## Disponibilité et écoulement d'énergie au Canada

Région 3, Colombie-Britannique, Yukon, Territoires du Nord-Ouest, 1971, unités naturelles

Light fuel oil	Diesel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total	
Mazouts légers	Mazouts lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique		
								No.
barrels of 35 Canadian gallons - en barils de 35 gallons canadiens					Mcf. - Mpc.	kwh. - '000-kWh		
								<u>Disponibilité d'énergie primaire</u>
-	-	-	-	-	338,582,417	27,049,936	...	Production .....
-	-	-	-	-	594,352,107	1,172,492	...	Exportations .....
-	-	-	-	-	-	672,840	...	Importations .....
-	-	-	-	-	434,140,680	149,370	...	Transferts - d'une région à une autre .....
-	-	-	-	-	902,246	-	...	Changement à l'inventaire .....
-	-	-	-	-	28,241	-	...	Transferts - d'un produit à un autre ..
-	-	-	-	-	177,496,985	26,699,654	...	Disponibilité .....
								7
								<u>Convertie en combustible secondaire: (1)</u>
-	-	-	-	-	3,994,358	-	...	a) En énergie électrique:
-	-	-	-	-	1,736,528	-	...	Par services .....
-	-	-	-	-	-	-	...	Par industrie .....
-	-	-	-	-	171,766,099	26,699,654	...	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux,
								c) En produits raffinés .....
								11
								Disponibilité primaire nette .....
								12
								<u>Disponibilité d'énergie secondaire</u>
2,352,598	5,696,405	-	159,012	1,887,163	-	2,524,154(2)	...	Sorties .....
87,127	-	-	-	12,347	-	-	...	Exportations .....
412,365	2,657,678	-	23,096	204,484	-	-	...	Importations .....
257,950	252,134	520,496	80,199	462,844	-	-	...	Transferts - d'une région à une autre .....
135,897	- 161,024	5,522	- 6,093	- 48,682	-	-	...	Changement à l'inventaire .....
86	-	-	165	167	-	-	...	Autres matières utilisées .....
4,357,588	- 9,627	-	118,876	- 3,992	-	-	...	Transferts - d'un produit à un autre ..
- 4,675	- 240,543	-	- 920	- 6,209	-	-	...	Pertes et ajustements .....
7,487,338	8,998,157	514,974	388,361	2,593,210	-	2,524,154	...	Disponibilité .....
								21
								<u>Transformée en combustible secondaire:</u>
9,404	441,638	-	-	-	-	-	...	a) En énergie électrique:
-	1,569,666	-	-	-	-	-	...	Par services .....
7,477,934	6,986,853	514,974	388,361	2,593,210	-	2,524,154	...	Par industrie .....
7,477,934	6,986,853	514,974	388,361	2,593,210	171,766,099	29,223,808	...	Disponibilité secondaire nette .....
								24
								Total net de la disponibilité, primaire et secondaire .....
								25
								<u>Consommation</u>
4,622	283,967	-	71	681	62,631,369	1,795,275	...	Les industries d'énergie .....
-	-	-	-	-	-	-	...	Transport:
14,586	255,192	-	-	-	-	-	...	a) Routier .....
-	-	346,074	2,397,995	-	-	-	...	b) Ferroviaire .....
22,715	929,594	-	-	-	-	-	...	c) Aviation .....
5,428,427	408,403	-	-	-	28,653,514	5,198,754	...	d) Marine marchande .....
1,200,000	1,300,000	-	-	-	22,069,823	4,057,706	...	Résidences et fermes .....
559,910	3,811,542	-	-	-	44,754,322	18,172,073	...	Utilisation commerciale .....
-	-	514,973	-	-	-	-	...	Utilisation industrielle .....
247,674	- 1,845	1	42,216	194,534	13,657,071	-	...	Utilisation autre que pour l'énergie ..
7,477,934	6,986,853	514,974	388,361	2,593,210	171,766,099	29,223,808	...	Pertes et ajustements .....
								Total .....
								36

(2) Comprises electricity generated from fuel types as follows: - Comprend l'énergie électrique produite à partir de combustibles:

Fuel oils - Mazouts .....	804,059	kWh. - '000 - kWh	Natural gas - Gaz naturel .....	480,712	kWh. - '000 - kWh
Diesel oil - Huile diesel .....	258,846	" " "	Propane .....	3,008	" " "
Crude oil - Pétrole brut .....	- 4,319	" " "	Wood - Bois .....	982,048	" " "



SECTION B

MILLION B.T.U's.

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MILLIONS DE B.T.U.

## Detailed energy supply and demand in Canada

Canada, 1970, Million B.T.U.'s.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
<u>Primary energy supply</u>										
1	Production .....	336,268,656	—	—	135,109,730	2,927,529,119	—	—	—	—
2	Exports .....	113,600,362	—	—	85,936,794	1,418,637,376	—	—	—	—
3	Imports .....	497,797,617	—	—	—	1,209,128,697	—	—	—	—
4	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
5	Stock change .....	48,705,757	—	—	1,582,848	6,103,335	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	1,442,595	—	—	—	—
7	Availability .....	671,760,154	—	—	46,147,493	2,711,917,105	—	—	—	—
Converted to secondary fuel:										
8	(a) To electricity:									
9	By utilities .....	321,636,393	—	—	33,432	55,107	—	—	—	—
10	By industry .....	7,481,306	—	—	—	—	—	—	—	—
	(b) To coke, coke oven gas and blast furnace gas.	207,658,801	—	—	—	—	—	—	—	—
11	(c) To refined products ..	—	—	—	7,137,675	2,711,403,987	—	—	—	—
12	Net primary supply .....	134,983,654	—	—	38,976,386	458,011	—	—	—	—
<u>Secondary energy supply</u>										
13	Output .....	—	142,301,080(1)	44,193,143	35,946,392	—	87,935,677	854,149,448	122,248,422	320,385,123
14	Exports .....	—	6,304,805	—	401,515	—	—	4,526,732	726,230	3,887,706
15	Imports .....	—	9,794,835	—	1,028,086	—	—	28,134,005	7,377,567	33,660,474
16	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
17	Stock change .....	—	1,261,824	—	693,203	—	503	7,437,949	— 2,133,541	6,152,797
18	Other products used .....	—	—	—	—	—	—	1,758,373	290	802
19	Inter-product transfers .....	—	—	—	16,987,846	—	—	6,040,365	— 20,406,408	65,716,782
20	Losses and adjustments .....	—	—	—	—	—	—	3,638,463	— 5,666,882	— 752,333
21	Availability .....	—	144,529,286(1)	44,193,143	21,439,167	—	91,430,264	883,784,392	111,379,515	281,720,161
Transformed into secondary fuel:										
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	6,101,611
	By industry .....	—	1,729,250(1)	506,482	—	—	—	—	—	1,348,315
24	Net secondary supply .....	—	142,800,036	43,686,661	21,439,167	—	91,430,264	883,784,392	111,379,515	274,270,235
25	Total net supply, primary and secondary.	134,983,654	142,800,036	43,686,661	60,415,553	458,011	91,430,264	883,784,392	111,379,515	274,270,235
<u>Consumption</u>										
26	Energy supply industries ...	1,357,398	—	—	2,330,027	6,459,813	90,148,880	1,140,782	121,811	2,564,181
Transportation:										
27	(a) Road .....	—	—	—	—	—	—	874,672,550	—	45,833,288
28	(b) Rail .....	2,025,013	—	—	—	—	—	—	1,261,679	72,103,431
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	6,476,032	—	—	—	—	—	—	275,869	31,182,853
31	Domestic and farm .....	14,486,158	343,802	—	44,641,864	—	—	—	84,945,343	33,289,104
32	Commercial .....	11,488,500	—	—	—	285,821	—	—	8,856,120	18,589,725
33	Industrial .....	84,195,802	136,008,657	42,002,477	6,110,001	—	—	—	13,997,682	70,413,590
34	Non energy use .....	—	—	—	8,702,559	—	—	—	—	—
35	Losses and adjustments .....	14,954,751	6,447,577	1,684,184	— 1,368,898	— 6,287,623	1,281,384	7,971,060	1,921,011	294,063
36	Total .....	134,983,654	142,800,036	43,686,661	60,415,553	458,011	91,430,264	883,784,392	111,379,515	274,270,235

(1) 1,729,250 million B.T.U.'s. of Blast furnace gas. — 1,729,250 millions de B.T.U. de gaz de hauts fourneaux.

## Disponibilité et consommation d'énergie au Canada

Canada, 1970, millions de B.T.U.

Light fuel oil - Mazouts légers	Heavy fuel oil - Mazouts lourds	Petroleum coke - Coke de pétrole	Aviation gasoline - Essence d'aviation	Aviation turbo fuel - Carburateurs pour turbines à gaz d'aviation	Natural gas - Gaz naturel	Electricity - Énergie électrique	Total		No	
Disponibilité d'énergie primaire										
-	-	-	-	- 2,092,917,966	537,998,103	6,029,823,574	Production .....	1		
-	-	-	-	- 779,497,257	19,214,303	2,416,886,092	Exportations .....	2		
-	-	-	-	- 10,859,981	11,072,353	1,728,858,648	Importations .....	3		
-	-	-	-	-	-	-	Transferts - d'une région à une autre .....	4		
-	-	-	-	- 27,124,492	-	83,516,432	Changement à l'inventaire .....	5		
-	-	-	-	- 1,442,595	-	-	Transferts - d'un produit à un autre .....	6		
-	-	-	-	- 1,298,598,793	529,856,153	5,258,279,698	Disponibilité .....	7		
Convertie en combustible secondaire:										
-	-	-	-	- 71,731,109	-	393,456,041	a) En énergie électrique: Par services .....	8		
-	-	-	-	- 21,991,714	-	29,473,020	Par industrie .....	9		
-	-	-	-	-	-	207,658,801	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....	10		
-	-	-	-	-	-	2,718,541,662	c) En produits raffinés .....	11		
-	-	-	-	- 1,204,875,970	529,856,153	1,909,150,174	Disponibilité primaire nette .....	12		
Disponibilité d'énergie secondaire										
424,108,355	532,820,576	6,464,434	5,947,534	77,002,335	- 160,516,421	2,814,019,144	Sorties .....	13		
3,349,713	3,152,540	215,692	34,753	1,102,950	-	35,669,638	Exportations .....	14		
73,120,096	231,441,035	20,320,127	591,722	17,018,954	-	422,486,901	Importations .....	15		
-	-	-	-	-	-	-	Transferts - d'une région à une autre .....	16		
- 1,287,430	8,048,166	- 257,559	- 462,561	572,670	-	13,639,615	Changement à l'inventaire .....	17		
63,030	6	6	3,323	6,324	-	1,832,168	Autres matières utilisées .....	18		
55,448,375	8,589,738	24,449	550,112	- 1,649,029	-	- 14,250,379	Transferts - d'un produit à un autre .....	19		
- 38,922,507	- 20,556,214	-	- 175,904	142,283	-	- 74,161,870	Pertes et ajustements .....	20		
602,633,278	782,206,863	26,850,877	7,696,403	90,560,681	- 160,516,421	3,248,940,451	Disponibilité .....	21		
Transformée en combustible secondaire:										
6,280,356	60,296,319	-	-	3,155	-	72,681,441	a) En énergie électrique: Par services .....	22		
853,439	28,546,854	-	-	-	-	32,984,340	Par industrie .....	23		
595,499,483	693,363,690	26,850,877	7,696,403	90,557,526	- 160,516,421	3,143,274,670	Disponibilité secondaire nette .....	24		
595,499,483	693,363,690	26,850,877	7,696,403	90,557,526	1,204,875,970	690,372,574	5,052,424,844	Total net de la disponibilité, primaire et secondaire .....	25	
Consommation										
579,446	87,340,198	2,222,107	6,385	83,855	255,784,940	60,794,134	510,933,957	Les industries d'énergie .....	26	
-	-	-	-	-	-	-	920,505,838	Transport:		
1,658,897	7,975,039	-	-	-	-	-	85,024,059	a) Routier .....	27	
-	-	-	7,536,543	89,843,270	-	-	97,379,813	b) Ferroviaire .....	28	
627,191	67,183,044	-	-	-	-	-	105,744,989	c) Aviation .....	29	
429,719,203	38,706,838	-	-	-	241,874,976	148,185,810	1,036,193,098	d) Marine marchande .....	30	
104,370,525	214,085,970	-	-	-	192,734,738	150,360,347	700,771,746	Résidences et fermes .....	31	
58,836,509	256,103,848	-	-	-	399,056,546	331,032,283	1,397,757,395	Utilisation commerciale .....	32	
-	-	23,268,192	-	-	-	-	31,970,751	Utilisation industrielle .....	33	
- 292,288	21,968,753	1,360,578	153,475	630,401	115,424,770	-	166,143,198	Utilisation autre que pour l'énergie .....	34	
595,499,483	693,363,690	26,850,877	7,696,403	90,557,526	1,204,875,970	690,372,574	5,052,424,844	Pertes et ajustements .....	35	
							Total .....	36		

## Detailed Energy Supply and Demand in Canada

Region 1, Atlantic, 1970, Million B.T.U's.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	63,226,064	—	—	—	56,144	—	—	—	—
2	Exports .....	4,400,525	—	—	—	—	—	—	—	—
3	Imports .....	9,819,206	—	—	—	291,285,781	—	—	—	—
4	Inter-regional transfers .....	—15,130,652	—	—	—	—	—	—	—	—
5	Stock change .....	—1,257,632	—	—	—	6,018	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	54,771,725	—	—	—	291,335,907	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity:									
9	By utilities .....	18,204,692	—	—	—	—	—	—	—	—
10	By industry .....	1,558,579	—	—	—	—	—	—	—	—
	(b) To coke, coke oven gas and blast furnace gas.	22,510,511	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	291,285,781	—	—	—	—
12	Net primary supply .....	12,497,943	—	—	—	50,126	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	— 16,081,470(1)	4,884,781	5,195,150	—	11,913,780	71,926,841	17,621,703	25,375,381	
14	Exports .....	— 884,665	—	—	—	—	—	—	—	
15	Imports .....	— 1,946,726	—	—	—	—	—	—	—	
16	Inter-regional transfers .....	—	—	—	— 169,811	—	—	— 1,575,750	— 1,597,247	3,518,380
17	Stock change .....	— 168,690	—	—	— 25,753	—	—	— 1,545,801	— 1,405,665	1,427,380
18	Other products used .....	—	—	—	—	—	—	— 70,032	—	
19	Inter-product transfers .....	—	—	—	—	—	—	— 1,258,476	— 7,614,736	— 8,022,634
20	Losses and adjustments .....	—	—	—	—	—	—	—	— 732,902	— 60,204
21	Availability .....	— 16,974,841(1)	4,884,781	4,807,559	—	11,913,780	70,795,876	26,951,762	39,715,403	
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity:									
23	By utilities .....	— 672,164(1)	— 166,614	—	—	—	—	—	—	1,704,699
	By industry .....	—	—	—	—	—	—	—	—	57,677
24	Net secondary supply .....	— 16,302,677	4,718,167	4,807,559	—	11,913,780	70,795,876	26,951,762	37,953,027	
25	Total net supply, primary and secondary.	12,497,943	16,302,677	4,718,167	4,807,559	50,126	11,913,780	70,795,876	26,951,762	37,953,027
	<u>Consumption</u>									
26	Energy supply industries .....	343,527	—	—	1,201,752	70	11,434,039	312,808	3,037	510,604
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	68,986,568	—	3,292,538
28	(b) Rail .....	297,536	—	—	—	—	—	—	85,155	7,919,066
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	21,618	14,791,028
31	Domestic and farm .....	4,028,321	69,787	—	1,007,214	—	—	—	23,841,674	1,857,824
32	Commercial .....	2,685,500	—	—	—	43,673	—	—	340,620	3,205,125
33	Industrial .....	2,490,617	13,549,530	4,528,167	1,090,986	—	—	—	2,033,956	6,097,360
34	Non energy use .....	—	—	—	1,507,611	—	—	—	—	—
35	Losses and adjustments .....	2,652,442	2,683,360	190,000	— 4	6,383	479,741	1,496,500	625,702	279,433
36	Total .....	12,497,943	16,302,677	4,718,167	4,807,559	50,126	11,913,780	70,795,876	26,951,762	37,953,027

(1) 672,164 million B.T.U's. of Blast furnace gas. — 672,164 millions de B.T.U. de gaz de hauts fourneaux.

## Disponibilité et écoulement d'énergie au Canada

Région 1, Atlantique, 1970, millions de B.T.U.

## Detailed Energy Supply and Demand in Canada

Region 2, Quebec, 1970, Million B.T.U.'s

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huile diesel	
<u>Primary energy supply</u>											
1	Production .....	—	—	—	—	—	—	—	—	—	
2	Exports .....	—	—	—	—	—	—	—	—	—	
3	Imports .....	17,979,723	—	—	—	915,181,683	—	—	—	—	
4	Inter-regional transfers .....	12,861,271	—	—	3,270,357	—	—	—	—	—	
5	Stock change .....	— 2,390,137	—	—	—	—	—	—	—	—	
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—	
7	Availability .....	33,231,131	—	—	3,270,357	915,181,683	—	—	—	—	
<u>Converted to secondary fuel:</u>											
8	(a) To electricity:										
9	By utilities .....	—	—	—	—	—	—	—	—	—	
10	By industry .....	702,000	—	—	—	—	—	—	—	—	
11	(b) To coke, coke oven gas and blast furnace gas.	9,013,952	—	—	—	—	—	—	—	—	
12	(c) To refined products .....	—	—	—	—	915,052,578	—	—	—	—	
12	Net primary supply .....	23,515,179	—	—	3,270,357	129,105	—	—	—	—	
<u>Secondary energy supply</u>											
13	Output .....	— 6,584,474	1,757,721	10,916,582	—	21,649,857	232,710,524	43,988,814	78,139,119	—	
14	Exports .....	—	—	—	—	—	—	523,896	1,339,485	—	
15	Imports .....	— 940,838	—	114,250	—	—	26,626,190	4,912,478	11,010,758	—	
16	Inter-regional transfers .....	— 4,692,532	—	108,669	—	—	— 36,408,526	— 5,500,581	— 16,023,562	—	
17	Stock change .....	— 329,294	—	19,963	—	503	1,945,978	— 793,996	973,350	—	
18	Other products used .....	—	—	—	—	—	154,832	—	—	—	
19	Inter-product transfers .....	—	—	—	— 4,367,776	—	— 143,353	1,822,363	— 7,417,097	— 24,237,511	
20	Losses and adjustments .....	—	—	—	— 471,220	—	— 554,474	— 1,126,855	— 623,022	— 1,633,244	
21	Availability .....	— 3,162,074	1,757,721	7,222,982	—	22,060,475	224,086,260	36,876,736	48,339,217	—	
<u>Transformed into secondary fuel:</u>											
22	(a) To electricity:										
23	By utilities .....	—	—	—	—	—	—	—	823,627	—	
23	By industry .....	—	—	—	—	—	—	—	31,487	—	
24	Net secondary supply .....	— 3,162,074	1,757,721	7,222,982	—	22,060,475	224,086,260	36,876,736	47,473,903	—	
25	Total net supply, primary and secondary.	23,515,179	3,162,074	1,757,721	10,493,339	129,105	22,060,475	224,086,260	36,876,736	47,473,903	—
<u>Consumption</u>											
26	Energy supply industries .....	—	—	—	505,200	—	22,042,210	308,521	14,090	333,131	
Transportation:											
27	(a) Road .....	—	—	—	—	—	—	220,095,890	—	8,741,230	
28	(b) Rail .....	2,243	—	—	—	—	—	—	300,989	13,500,029	
29	(c) Air .....	—	—	—	—	—	—	—	—	—	
30	(d) Marine (excluding Navy) .....	27,090	—	—	—	—	—	—	20,165	6,950,547	
31	Domestic and farm .....	853,938	27,379	—	7,529,268	—	—	—	28,359,590	1,580,115	
32	Commercial .....	213,500	—	—	—	—	—	—	3,406,200	3,496,500	
33	Industrial .....	20,139,097	3,129,636	1,557,721	2,423,155	—	—	—	3,875,540	12,603,718	
34	Non energy use .....	—	—	—	97,817	—	—	—	—	—	
35	Losses and adjustments .....	2,279,311	5,059	200,000	— 62,101	129,105	18,265	3,681,849	900,171	386,555	
36	Total .....	23,515,179	3,162,074	1,757,721	10,493,339	129,105	22,060,475	224,086,260	36,876,736	47,473,903	—

## Disponibilité et disponibilité d'énergie au Canada

Région 2, Québec, 1970, millions de B.T.U.

Light fuel oil	Heavy fuel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity	Total		
Mazout légers	Mazout lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gas naturel	Énergie électrique			N°
<b>Disponibilité d'énergie primaire</b>									
-	-	-	-	-	165,825	254,191,168	254,356,993	Production .....	1
-	-	-	-	-	2,532,311	173,930	2,706,241	Exportations .....	2
-	-	-	-	-	-	5,531	933,166,937	Importations .....	3
-	-	-	-	-	54,000,136	- 20,805,724	49,326,040	Transferts - d'une région à une autre ..	4
-	-	-	-	-	301,637	-	- 2,088,500	Changement à l'inventaire .....	5
-	-	-	-	-	-	-	-	Transferts - d'un produit à un autre ..	6
-	-	-	-	-	51,332,013	233,217,045	1,236,232,229	Disponibilité .....	7
<b>Convertie en combustible secondaire:</b>									
-	-	-	-	-	80,600	-	782,600	a) En énergie électrique: Par services .....	8
-	-	-	-	-	-	-	9,013,952	Par industrie .....	9
-	-	-	-	-	-	-	915,052,578	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....	10
-	-	-	-	-	51,251,413	233,217,045	311,383,099	c) En produits raffinés .....	11
-	-	-	-	-	-	-	-	Disponibilité primaire nette .....	12
<b>Disponibilité d'énergie secondaire</b>									
136,451,822	246,678,185	1,896,602	1,941,412	27,047,675	-	4,699,914	854,612,711	Sorties .....	13
3,259,074	1,811,689	16,167	96	935,653	-	-	9,886,061	Exportations .....	14
11,232,011	128,640,015	13,985,057	210,434	8,364,802	-	-	229,036,833	Importations .....	15
- 10,949,232	- 64,108,078	278,727	- 1,640,236	- 5,227,954	-	-	173,163,305	Transferts - d'une région à une autre ..	16
- 7,671,881	708,885	- 61,987	- 449,288	371,527	-	-	- 5,286,235	Changement à l'inventaire .....	17
22,267	-	-	5	-	-	-	177,104	Autres matières utilisées .....	18
2,477,946	4,018,101	-	- 20,136	- 1,000,443	-	-	- 8,867,908	Transferts - d'un produit à un autre ..	19
- 34,601,061	- 21,155,202	-	- 68,747	- 82,051	-	-	- 60,285,876	Pertes et ajustements .....	20
230,248,680	333,862,851	16,206,206	1,009,418	27,958,951	-	4,699,914	957,481,485	Disponibilité .....	21
<b>Transformée en combustible secondaire:</b>									
181,747	10,754,418	-	-	-	-	-	11,759,992	a) En énergie électrique: Par services .....	22
282,352	4,319,170	-	-	-	-	-	4,633,009	Par industrie .....	23
229,784,581	318,789,263	16,206,206	1,009,418	27,958,951	-	4,699,914	941,088,484	Disponibilité secondaire nette .....	24
229,784,581	318,789,263	16,206,206	1,009,418	27,958,951	51,251,413	237,916,959	1,252,471,583	Total net de la disponibilité, primaire et secondaire .....	25
<b>Consommation</b>									
249,965	39,659,750	402,549	35	8,263	328,026	18,962,795	83,094,585	Les industries d'énergie .....	26
-	-	-	-	-	-	-	228,837,140	Transport: a) Routier .....	27
315,326	3,858,074	-	-	-	-	-	17,976,671	b) Ferroviaire .....	28
-	-	-	965,262	27,736,543	-	-	20,701,807	c) Aviation .....	29
273,024	26,434,531	-	-	-	-	-	33,705,357	d) Marine marchande .....	30
153,534,141	25,432,357	-	-	-	14,624,734	42,324,768	274,266,290	Résidences et fermes .....	31
41,375,250	107,514,540	-	-	-	6,805,683	48,566,978	211,378,651	Utilisation commerciale .....	32
28,445,846	109,556,449	-	-	-	29,216,693	128,062,418	338,612,271	Utilisation industrielle .....	33
-	-	14,451,061	-	-	-	-	14,548,878	Utilisation autre que pour l'énergie ...	34
5,591,029	6,333,562	1,352,596	44,121	214,143	276,277	-	21,349,933	Pertes et ajustements .....	35
229,784,581	318,789,263	16,206,206	1,009,418	27,958,951	51,251,413	237,916,959	1,252,471,583	Total .....	36

## Detailed Energy Supply and Demand in Canada

Region 3, Ontario, 1970, million B.T.U's.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<b>Primary energy supply</b>									
1	Production .....	—	—	—	—	6,082,519	—	—	—	—
2	Exports .....	—	—	—	59,681	—	—	—	—	—
3	Imports .....	469,916,283	—	—	—	2,661,233	—	—	—	—
4	Inter-regional transfers ..	14,610,429	—	—	13,677,726	776,331,566	—	—	—	—
5	Stock change .....	18,576,709	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 18,211	—	—	—	—	—
7	Availability .....	465,950,003	—	—	13,599,834	785,075,318	—	—	—	—
	Converted to secondary fuel:									
8	(a) To electricity:									
9	By utilities .....	214,960,033	—	—	—	—	—	—	—	—
10	By industry .....	5,218,771	—	—	—	—	—	—	—	—
	(b) To coke, coke oven gas and blast furnace gas.	170,064,338	—	—	—	—	—	—	—	—
11	(c) To refined products	—	—	—	2,180,276	785,064,171	—	—	—	—
12	Net primary supply .....	75,706,861	—	—	11,419,558	11,147	—	—	—	—
	<b>Secondary energy supply</b>									
13	Output .....	—	114,899,080(1)	36,233,451	13,117,849	—	17,899,618	270,896,717	30,759,871	64,878,64
14	Exports .....	—	3,044,622	—	1,773	—	—	624,154	202,334	3,31
15	Imports .....	—	6,337,342	—	913,836	—	—	—	419,195	568,18
16	Inter-regional transfers ..	—	4,692,532	—	715,253	—	—	41,670,714	7,474,622	12,423,56
17	Stock change .....	—	1,377,962	—	— 745,229	—	—	3,577,973	542,931	186,92
18	Other products used .....	—	—	—	—	—	—	281,957	—	—
19	Inter-product transfers .....	—	—	—	— 11,303,809	—	—	6,831,551	— 17,222,479	— 11,724,586
20	Losses and adjustments .....	—	—	—	— 458,607	—	— 1,534,754	— 2,651,162	— 244,139	984,113
21	Availability .....	—	121,506,370(1)	36,233,451	4,645,192	—	19,434,372	318,129,974	20,930,083	64,971,445
	Transformed into secondary fuel:									
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	680,979
	By industry .....	—	1,057,086(1)	339,868	—	—	—	—	—	24,708
24	Net secondary supply .....	—	120,449,284	35,893,583	4,645,192	—	19,434,372	318,129,974	20,930,083	64,265,758
25	Total net supply, primary and secondary.	75,706,861	120,449,284	35,893,583	16,064,750	11,147	19,434,372	318,129,974	20,930,083	64,265,758
	<b>Consumption</b>									
26	Energy supply industries ...	—	—	—	376,887	—	18,650,994	334,647	94,664	818,828
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	318,318,806	—	16,317,000
28	(b) Rail .....	53,623	—	—	—	—	—	—	306,620	20,239,176
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy).	6,448,942	—	—	—	—	—	—	23,963	2,333,063
31	Domestic and farm .....	2,149,944	241,155	—	15,259,788	—	—	—	14,637,537	4,376,237
32	Commercial .....	8,100,000	—	—	—	—	—	—	1,703,100	4,079,250
33	Industrial .....	52,595,266	116,944,623	34,599,399	1,361,653	—	—	—	3,591,531	14,137,049
34	Non energy use .....	—	—	—	—	—	—	—	—	—
35	Losses and adjustments .....	6,359,086	3,263,506	1,294,184	— 933,578	11,147	783,378	— 523,479	572,668	1,965,15
36	Total .....	75,706,861	120,449,284	35,893,583	16,064,750	11,147	19,434,372	318,129,974	20,930,083	64,265,758

(1) 1,057,086 million B.T.U's. of Blast furnace gas. — 1,057,086 millions de B.T.U. de gaz de hauts fourneaux.

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FIGURE 3. Ontario, 1970, millions de b.t.u.

## Detailed Energy Supply and Demand in Canada

Region 4, Prairies, 1970, Million B.T.U.'s.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	185,269,429	—	—	132,124,512	2,762,811,213	—	—	—	—
2	Exports .....	60,646,417	—	84,880,816	1,397,055,474	—	—	—	—	—
3	Imports .....	79,786	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	5,745,613	—	—	20,671,732	893,675,886	—	—	—	—
5	Stock change .....	12,627,112	—	—	1,614,777	6,398,556	—	—	—	—
6	Inter-product transfers .....	—	—	—	1,171,049	—	—	—	—	—
7	Availability .....	106,330,073	—	—	23,786,138	465,681,297	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity: By utilities .....	88,471,668	—	—	—	—	—	—	—	—
9	By industry .....	1,956	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	—	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	4,756,093	460,052,590	—	—	—	—
12	Net primary supply .....	17,856,449	—	—	19,030,045	5,628,707	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	—	—	3,742,969	—	22,256,359	190,198,279	16,904,460	76,365,882
14	Exports .....	—	—	—	27,621	—	—	—	—	—
15	Imports .....	—	332,097	—	—	—	—	66,481	17,207	1,518,443
16	Inter-regional transfers .....	—	—	—	652,686	—	—	8,313,565	— 1,433,278	— 9,960,300
17	Stock change .....	—	—	—	8,690	—	—	125,646	— 118,717	4,441,562
18	Other products used .....	—	—	—	—	—	—	1,213,003	—	322
19	Inter-product transfers .....	—	—	—	434,959	—	—	4,573,480	1,426,766	— 2,331,711
20	Losses and adjustments .....	—	—	—	23,235	—	—	3,016,018	418,582	— 2,224,899
21	Availability .....	—	338,272	—	2,659,628	—	23,356,654	181,481,090	16,615,290	76,636,030
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	889,104
23	By industry .....	—	—	—	—	—	—	—	—	7,238
24	Net secondary supply .....	—	338,272	—	2,659,628	—	23,356,654	181,481,090	16,615,290	76,739,387
25	Total net supply, primary and secondary .....	17,856,449	338,272	—	21,689,673	5,628,707	23,356,654	181,481,090	16,615,290	76,739,387
	<u>Consumption</u>									
26	Energy supply industries .....	61,563	—	—	259,390	6,459,743	23,356,654	89,113	8,970	188,362
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	178,860,236	—	11,655,000
28	(b) Rail .....	1,662,854	—	—	—	—	—	—	402,562	22,992,215
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	56,668	75,432
31	Domestic and farm .....	6,958,101	5,481	—	15,106,690	—	—	—	11,735,750	23,339,918
32	Commercial .....	245,000	—	—	—	229,660	—	—	2,327,570	4,079,730
33	Industrial .....	6,123,802	147,610	—	380,892	—	—	—	1,781,227	19,643,341
34	Non energy use .....	—	—	—	6,337,226	—	—	—	—	—
35	Losses and adjustments .....	2,805,129	185,181	—	394,525	— 1,060,696	—	2,531,741	302,543	— 1,401,531
36	Total .....	17,856,449	338,272	—	21,689,673	5,628,707	23,356,654	181,481,090	16,615,290	76,739,387

Responsabilité et accès à l'énergie au Canada

**Region 4, Prairies, 1970, millions de B.T.U.**

## Domestic Energy Supply and Demand in Canada

Region 5, British Columbia, Yukon and Northwest Territories, 1930. Millions of Tons.

No.		Coal — Gharbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	87,773,163	—	—	2,985,218	158,579,243	—	—	—	—
2	Exports .....	48,553,420	—	—	996,297	21,581,902	—	—	—	—
3	Imports .....	2,619	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	— 6,595,435	—	—	3,723,649	117,344,320	—	—	—	—
5	Stock change .....	21,149,705	—	—	— 31,929	— 301,239	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 253,335	—	—	—	—	—
7	Availability .....	11,477,222	—	—	5,491,164	254,642,900	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity:									
9	By utilities .....	—	—	—	33,432	55,107	—	—	—	—
10	By industry .....	—	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas.	6,070,000	—	—	—	—	—	—	—	—
12	(c) To refined products .....	—	—	—	201,306	259,948,867	—	—	—	—
12	Net primary supply .....	5,407,222	—	—	5,256,426	— 5,361,074	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	4,736,056	1,317,190	2,973,842	—	14,216,063	88,417,087	12,973,574	61,175,360
14	Exports .....	—	2,375,518	—	372,121	—	—	3,902,578	—	2,544,887
15	Imports .....	—	237,832	—	—	—	—	46,350	61,578	1,557,373
16	Inter-regional transfers .....	—	—	—	— 1,425	—	—	4,627,131	1,056,484	10,042,236
17	Stock change .....	—	50,641	—	15,000	—	—	242,551	— 358,094	— 876,861
18	Other products used .....	—	—	—	—	—	—	38,549	290	—
19	Inter-product transfers .....	—	—	—	— 393,280	—	—	701,455	— 4,808,334	— 19,400,133
20	Losses and adjustments .....	—	—	—	88,210	—	— 448,920	394,251	— 363,958	678,956
21	Availability .....	—	2,547,729	1,317,190	2,103,806	—	14,664,983	89,291,192	10,005,644	51,028,066
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	2,002,902
23	By industry .....	—	—	—	—	—	—	—	—	1,187,204
24	Net secondary supply .....	—	2,547,729	1,317,190	2,103,806	—	14,664,983	89,291,192	10,005,644	47,837,960
25	Total net supply, primary and secondary .....	5,407,222	2,547,729	1,317,190	7,360,232	— 5,361,074	14,664,983	89,291,192	10,005,644	47,837,960
	<u>Consumption</u>									
26	Energy supply industries .....	952,308	—	—	— 13,202	—	14,664,983	95,693	1,050	423,146
	<u>Transportation:</u>									
27	(a) Road .....	—	—	—	—	—	—	B8,411,050	—	5,827,500
28	(b) Rail .....	8,757	—	—	—	—	—	—	166,353	7,452,935
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	153,455	7,034,783
31	Domestic and farm .....	495,854	—	—	5,738,904	—	—	—	6,370,792	2,135,010
32	Commercial .....	244,500	—	—	—	12,488	—	—	1,078,630	3,729,600
33	Industrial .....	2,847,020	2,237,258	1,317,190	853,315	—	—	—	2,715,428	21,930,124
34	Non energy use .....	—	—	—	759,905	—	—	—	—	—
35	Losses and adjustments .....	858,783	310,471	—	21,310	— 5,373,562	—	784,449	— 480,064	— 695,133
36	Total .....	5,407,222	2,547,729	1,317,190	7,360,232	— 5,361,074	14,664,983	89,291,192	10,005,644	47,837,960

## Appendix A: Examples of energy use

Région 3, Colombie-Britannique, Yukon, Territoires du Nord-Ouest, 1970, millions de E.T.U.

Light fuel oil	Heavy fuel oil	Petroleum coke	Aviation gasoline	Aviation turbo fuel	Natural gas	Electricity			
Mazout légers	Mazout lourds	Coke de pétrole	Essence d'aviation	Carburateurs pour turbines à gaz d'aviation	Gaz naturel	Énergie électrique	Total	No	
<b>Disponibilité d'énergie primaire</b>									
—	—	—	—	—	331,985,478	80,579,054	661,902,156	1	
—	—	—	—	—	527,739,100	3,178,889	602,049,608	2	
—	—	—	—	—	—	1,122,937	1,125,556	3	
—	—	—	—	—	379,876,429	526,195	494,875,158	4	
—	—	—	—	—	1,727,813	—	22,544,350	5	
—	—	—	—	—	253,335	—	—	6	
—	—	—	—	182,648,329	79,049,297	533,308,912	Disponibilité .....	7	
<b>Convertie en combustible secondaire:</b>									
—	—	—	—	—	12,797,886	—	12,886,425	a) En énergie électrique: Par services .....	8
—	—	—	—	—	5,187,014	—	5,187,014	Par industrie .....	9
—	—	—	—	—	—	—	6,070,000	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux.	10
—	—	—	—	—	—	—	260,150,173	c) En produits raffinés .....	11
—	—	—	—	—	164,663,429	79,049,297	249,015,300	Disponibilité primaire nette .....	12
<b>Disponibilité d'énergie secondaire</b>									
11,363,444	32,995,087	—	789,524	10,106,273	—	10,648,002	251,711,710	Sorties .....	13
396,094	—	—	34,177	153,642	—	—	10,979,017	Exportations .....	14
824,533	19,468,632	1,356,906	111,273	1,387,319	—	—	25,061,502	Importations .....	15
1,634,177	2,388,325	2,210,269	644,121	2,239,275	—	—	26,841,103	Transferts – d'une région à une autre ..	16
—	294,504	120,095	4,374	109,818	1,073,159	—	86,194	Changement à l'inventaire .....	17
1,026	—	—	—	914	238	—	41,017	Autres matières utilisées .....	18
25,097,067	—	152,866	—	569,949	—	—	1,490,633	Transferts – d'un produit à un autre ..	19
1,224,445	—	646,791	—	26,848	60,345	—	1,013,386	Perdes et ajustements .....	20
36,404,212	55,225,874	3,562,801	1,944,938	12,322,931	—	10,648,002	291,067,368	Disponibilité .....	21
<b>Transformée en combustible secondaire:</b>									
67,658	1,911,303	—	—	—	—	—	3,981,863	a) En énergie électrique: Par services .....	22
—	7,818,522	—	—	—	—	—	9,005,726	Par industrie .....	23
36,336,554	45,496,049	3,562,801	1,944,938	12,322,931	—	10,648,002	278,079,779	Disponibilité secondaire nette .....	24
36,336,554	45,496,049	3,562,801	1,944,938	12,322,931	164,663,429	89,697,299	527,095,079	Total net de la disponibilité, primaire et secondaire .....	25
<b>Consommation</b>									
25,093	1,983,524	—	4,793	6,768	68,465,196	7,014,720	93,624,072	Les industries d'énergie .....	26
72,879	1,648,443	—	—	—	—	—	94,238,550	Transport: a) Routier .....	27
—	—	—	—	—	—	—	9,369,367	b) Ferroviaire .....	28
141,049	4,802,901	—	1,903,741	12,238,985	—	—	14,162,726	c) Aviation .....	29
27,412,478	1,952,590	—	—	—	26,706,433	16,263,284	87,075,345	d) Marine marchande .....	30
6,993,000	8,802,360	—	—	—	18,541,696	12,588,154	51,990,426	Résidences et fermes .....	31
3,276,908	26,417,410	—	—	—	34,475,342	53,831,141	149,901,136	Utilisation commerciale .....	32
—	—	3,563,235	—	—	—	—	4,323,140	Utilisation industrielle .....	33
—	—	—	36,404	77,178	16,474,764	—	10,318,129	Utilisation autre que pour l'énergie ...	34
36,336,554	45,496,049	3,562,801	1,944,938	12,322,931	164,663,429	89,697,299	527,095,079	Perdes et ajustements .....	35
								Total .....	36

## Detailed Energy Supply and Demand to Canada

Canada, 1971, Million B.T.U's.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	384,158,564	—	—	154,424,784	3,126,333,149	—	—	—	—
2	Exports .....	194,424,868	—	—	91,782,995	1,582,961,391	—	—	—	—
3	Imports .....	452,960,776	—	—	—	1,417,342,379	—	—	—	—
4	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
5	Stock change .....	4,214,457	—	—	8,929,815	3,349,445	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	638,480,015	—	—	53,356,552	2,957,364,692	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity: By utilities .....	361,159,450	—	—	37,265	187,017	—	—	—	—
9	By industry .....	4,397,142	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	189,050,220	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	4,724,905	2,944,813,533	—	—	—	—
12	Net primary supply .....	83,873,203	—	—	48,594,382	12,364,142	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	126,623,642(1)	40,722,558	30,800,870	—	90,961,312	872,015,147	130,311,111	353,179,962
14	Exports .....	—	4,528,158	—	732,910	—	—	3,191,149	427,892	1,760,352
15	Imports .....	—	16,031,415	—	52,695	—	—	21,369,547	8,140,989	21,627,408
16	Inter-regional transfers .....	—	—	—	—	—	—	—	—	—
17	Stock change .....	—	3,860,096	—	—	—	—	—	—	—
18	Other products used .....	—	—	—	—	—	—	—	—	—
19	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
20	Losses and adjustments .....	—	—	—	—	—	—	—	—	—
21	Availability .....	—	134,266,803(1)	40,722,558	20,742,117	—	97,371,028	918,920,462	112,578,293	304,721,939
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	3,527,544
23	By industry .....	—	1,612,464(1)	273,394	—	—	—	—	—	1,955,902
24	Net secondary supply .....	—	132,654,339	40,449,164	20,742,117	—	97,371,028	918,920,462	112,578,293	296,698,491
25	Total net supply, primary and secondary .....	83,873,203	132,654,339	40,449,164	69,336,499	12,364,142	97,371,028	918,920,462	112,578,293	296,698,491
	<u>Consumption</u>									
26	Energy supply industries .....	536,651	—	—	2,824,632	6,460,451	95,873,664	1,137,274	89,823	2,571,437
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	905,420,992	—	48,930,130
28	(b) Rail .....	1,780,514	—	—	—	—	—	—	1,373,039	75,137,110
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	3,856,299	—	—	—	—	—	—	377,428	33,986,900
31	Domestic and farm .....	10,516,477	191,928	—	52,530,787	—	—	—	78,663,606	35,469,021
32	Commercial .....	7,856,900	—	—	—	364,598	—	—	10,860,101	20,046,394
33	Industrial .....	55,388,481	125,276,216	39,317,671	7,358,192	—	—	—	16,909,495	76,112,056
34	Non energy use .....	—	—	—	6,230,895	—	—	—	—	—
35	Losses and adjustments .....	3,937,881	7,186,195	1,131,493	391,993	5,539,093	1,497,364	12,362,196	4,304,841	4,329,195
36	Total .....	83,873,203	132,654,339	40,449,164	69,336,499	12,364,142	97,371,028	918,920,462	112,578,293	296,698,491

(1) = 1,512,456 million B.T.U's. of blast furnace gas = 1,512,456 millions de B.T.U. de gaz de four à haut fourneau.

## Disponibilité et consommation d'énergie au Canada

Canada, 1971, millions de B.T.U.

Light fuel oil — Mazout légers	Heavy fuel oil — Mazout lourds	Petroleum coke — Coke de pétrole	Aviation gasoline — Essence d'aviation	Aviation turbo fuel — Carburéacteurs pour turbines à gaz d'aviation	Natural gas — Gaz naturel	Electricity — Énergie électrique	Total		N°
Disponibilité d'énergie primaire									
—	—	—	—	—	2,279,110,191	562,886,275	6,506,912,963	Production .....	1
—	—	—	—	—	910,778,277	24,978,986	2,804,926,517	Exportations .....	2
—	—	—	—	—	14,348,756	11,527,021	1,896,178,932	Importations .....	3
—	—	—	—	—	—	—	—	Transferts — d'une région à une autre ..	4
—	—	—	—	—	—	—	13,467,738	Changement à l'inventaire .....	5
—	—	—	—	—	355,422	—	—	Transferts — d'un produit à un autre ..	6
—	—	—	—	—	1,386,062,071	549,434,310	5,584,697,640	Disponibilité .....	7
Convertie en combustible secondaire:									
—	—	—	—	—	71,585,553	—	432,969,285	a) En énergie électrique:	
—	—	—	—	—	23,370,553	—	27,767,695	Par services .....	8
—	—	—	—	—	—	—	189,050,220	Par industrie .....	9
—	—	—	—	—	—	—	—	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux.	10
—	—	—	—	—	—	—	2,949,538,438	c) En produits raffinés .....	11
—	—	—	—	—	1,291,105,965	549,434,310	1,985,372,002	Disponibilité primaire nette .....	12
Disponibilité d'énergie secondaire									
439,579,861	656,733,536	6,327,133	5,924,282	87,780,097	—	175,716,881	3,036,676,334	Sorties .....	13
1,762,966	60,629,706	—	—	1,522,271	—	—	80,055,405	Exportations .....	14
50,368,368	187,809,109	12,220,806	431,404	8,504,561	—	—	334,856,303	Importations .....	15
—	—	—	—	—	—	—	—	Transferts — d'une région à une autre ..	16
11,283,118	23,847,298	119,110	— 255,222	— 250,400	—	—	19,943,610	Changement à l'inventaire .....	17
49,884	—	—	—	2,843	2,209	—	1,367,821	Autres matières utilisées .....	18
81,158,269	11,246,989	—	723,555	— 1,241,584	—	—	— 15,129,227	Transferts — d'un produit à un autre ..	19
— 98,071,595	— 19,466,564	—	11,358	93,882	—	—	— 63,273,259	Pertes et ajustements .....	20
606,281,893	790,779,194	18,428,829	7,325,948	93,679,530	—	175,716,881	3,321,045,475	Disponibilité .....	21
Transformée en combustible secondaire:									
4,037,066	67,160,069	—	—	6,126	—	—	76,780,805	a) En énergie électrique:	
978,665	27,370,300	—	—	—	—	—	32,190,727	Par services .....	22
—	—	—	—	—	—	—	—	Par industrie .....	23
601,266,162	696,248,825	18,428,829	7,325,948	93,673,404	—	175,716,881	3,212,073,943	Disponibilité secondaire nette .....	24
601,266,162	696,248,825	18,428,829	7,325,948	93,673,404	1,291,105,965	725,151,191	5,197,445,945	Total net de la disponibilité, primaire et secondaire .....	25
Consommation									
706,800	93,175,099	1,714,567	1,363	82,939	272,085,842	62,748,376	540,028,918	Les industries d'énergie .....	26
—	—	—	—	—	—	—	—	Transport:	
2,095,604	9,265,917	—	—	—	—	—	—	a) Routier .....	27
—	—	—	7,158,665	92,951,014	—	—	—	b) Ferroviaire .....	28
587,530	68,103,206	—	—	—	—	—	—	c) Aviation .....	29
433,603,108	34,838,853	—	—	—	251,094,085	158,799,728	1,055,707,599	d) Marine marchande .....	30
105,011,550	206,918,334	—	—	—	220,433,943	163,013,505	734,505,530	Résidences et fermes .....	31
59,749,874	247,538,384	—	—	—	452,703,099	340,589,582	1,420,943,039	Utilisation commerciale .....	32
—	—	15,537,822	—	—	—	—	—	Utilisation industrielle .....	33
— 488,304	36,409,032	1,176,440	165,920	639,451	94,788,996	—	173,365,786	Utilisation autre que pour l'énergie ..	34
601,266,162	696,248,825	18,428,829	7,325,948	93,673,404	1,291,105,965	725,151,191	5,197,445,945	Pertes et ajustements .....	35
								Total .....	36

## Dominion Energy Supply and Demand - in Census

Region I, Atlantic, 1971, Million B.T.U.'s.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	62,689,219	—	—	—	55,697	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	4,973,517	—	—	—	425,444,485	—	—	—	—
4	Inter-regional transfers .....	-11,767,631	—	—	82,338	—	—	—	—	—
5	Stock change .....	721,890	—	—	—	- 17	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	55,173,215	—	—	82,338	425,500,199	—	—	—	—
	<u>Converted to secondary fuel:</u>									
	(a) To electricity:									
8	By utilities .....	26,783,808	—	—	—	—	—	—	—	—
9	By industry .....	416,881	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas.	13,849,614	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	425,447,914	—	—	—	—
12	Net primary supply .....	14,122,912	—	—	82,338	52,285	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	9,546,041(1)	3,005,366	4,319,930	—	13,875,959	81,920,506	19,655,715	37,853,000
14	Exports .....	—	—	—	—	—	—	—	—	—
15	Imports .....	—	6,387,017	—	—	—	—	1,138,260	1,924,503	15,500,000
16	Inter-regional transfers .....	—	-2,073,677	—	27,551	—	—	- 3,835,314	- 2,607,934	2,261,711
17	Stock change .....	—	- 26,759	—	- 51,114	—	—	1,995,190	1,084,301	2,293,600
18	Other products used .....	—	—	—	—	—	—	68,011	—	—
19	Inter-product transfers .....	—	—	—	254,443	—	—	- 3,115,899	7,076,931	10,784,000
20	Losses and adjustments .....	—	—	—	84,033	—	—	- 1,785,720	- 2,055,835	- 343,300
21	Availability .....	—	13,886,140(1)	3,005,366	4,569,005	—	13,875,959	75,966,094	27,020,749	42,880,452
	Transformed into secondary fuel:									
	(a) To electricity:									
22	By utilities .....	—	—	—	—	—	—	—	—	—
23	By industry .....	—	362,259(1)	67,604	—	—	—	—	—	1,199,587
	1,199,587									
	49,196									
24	Net secondary supply .....	—	13,523,881	2,937,762	4,569,005	—	13,875,959	75,966,094	27,020,749	41,631,669
25	Total net supply, primary and secondary .....	14,122,912	13,523,881	2,937,762	4,651,343	52,285	13,875,959	75,966,094	27,020,749	41,631,669
	<u>Consumption</u>									
26	Energy supply industries .....	327,247	—	—	1,253,611	35	13,180,918	315,524	14,403	170,740
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	70,992,233	—	3,642,188
28	(b) Rail .....	276,646	—	—	—	—	—	—	140,585	7,566,298
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	8,464	15,969,798
31	Domestic and farm .....	2,649,945	29,661	—	1,800,318	—	—	—	22,695,147	1,917,277
32	Commercial .....	2,142,000	—	—	—	48,652	—	—	442,806	3,583,912
33	Industrial .....	70,282	7,637,899	2,812,762	562,595	—	—	—	2,603,506	6,753,101
34	Non energy use .....	—	—	—	1,034,819	—	—	—	—	—
35	Losses and adjustments .....	8,656,792	5,856,321	125,000	—	3,598	695,041	4,658,337	1,115,838	2,028,135
36	Total .....	14,122,912	13,523,881	2,937,762	4,651,343	52,285	13,875,959	75,966,094	27,020,749	41,631,669

(1) 362,259 million B.T.U.'s of Blast furnace gas. — 362,259 millions de B.T.U. de gaz de hauts fourneaux.

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Table 1, Atlantique, 1971, millions de B.T.U.

## Detailed Energy Supply and Demand in Canada

Region 2, Quebec, 1971, Million B.T.U's.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	—	—	—	—	—	—	—	—	—
2	Exports .....	—	—	—	—	—	—	—	—	—
3	Imports .....	17,989,545	—	—	—	989,526,504	—	—	—	—
4	Inter-regional transfers .....	6,913,733	—	—	4,383,526	—	—	—	—	—
5	Stock change .....	— 98,345	—	—	—	—	—	—	—	—
6	Inter-product transfers .....	—	—	—	—	—	—	—	—	—
7	Availability .....	25,001,623	—	—	4,383,526	989,526,504	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	—
9	By industry .....	737,880	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas .....	9,107,999	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	—	989,420,767	—	—	—	—
12	Net primary supply .....	15,155,744	—	—	4,383,526	105,737	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	— 6,619,690	1,785,168	10,469,207	—	21,056,326	228,990,162	50,475,518	85,349,125	
14	Exports .....	—	—	—	—	—	—	118,547	559,565	
15	Imports .....	— 2,238,572	—	42,531	—	—	20,102,951	5,419,679	2,148,978	
16	Inter-regional transfers .....	— 1,584,646	—	491,875	—	—	38,751,324	— 3,306,887	— 12,305,653	
17	Stock change .....	— 4,341,736	—	148,055	—	— 4,018	— 9,557,106	1,075,899	— 538,230	
18	Other products used .....	—	—	—	—	—	— 147,025	—	—	
19	Inter-product transfers .....	—	—	—	— 3,209,718	—	— 174,790	1,792,185	— 14,001,668	— 17,800,982
20	Losses and adjustments .....	—	—	—	— 87,170	—	— 499,943	1,074,912	1,235,162	6,929,498
21	Availability .....	— 6,101,172	1,785,168	7,733,010	—	21,385,497	220,763,193	36,157,034	50,441,034	
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	937,371
23	By industry .....	—	—	—	—	—	—	—	—	382,119
24	Net secondary supply .....	— 6,101,172	1,785,168	7,733,010	—	21,385,497	220,763,193	36,157,034	49,121,546	
25	Total net supply, primary and secondary .....	15,155,744	6,101,172	1,785,168	12,116,536	105,737	21,385,497	220,763,193	36,157,034	49,121,544
	<u>Consumption</u>									
26	Energy supply industries .....	—	—	—	794,840	—	21,366,207	301,837	8,743	1,111,042
	<u>Transportation:</u>									
27	(a) Road .....	—	—	—	—	—	217,769,144	—	—	9,324,000
28	(b) Rail .....	—	—	—	—	—	—	—	204,054	14,145,225
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	19,555	—	—	—	—	—	—	13,897	8,396,967
31	Domestic and farm .....	178,280	34,447	—	8,459,230	—	—	—	23,992,620	1,984,322
32	Commercial .....	202,800	—	—	—	—	—	—	5,251,225	3,583,912
33	Industrial .....	15,105,039	6,049,390	1,585,168	2,862,466	—	—	—	5,907,163	12,687,869
34	Non energy use .....	—	—	—	—	—	—	—	—	—
35	Losses and adjustments .....	— 349,930	17,335	200,000	—	105,737	19,290	2,692,212	779,332	— 2,111,793
36	Total .....	15,155,744	6,101,172	1,785,168	12,116,536	105,737	21,385,497	220,763,193	36,157,034	49,121,544

#### **Capacité et écoulement d'énergie au Canada**

Région 2. Québec, 1971, millions de B.T.U.

## Totalized Energy Supply and Demand in Canada

Région 3, Ontario, 1971, Million B.T.U.'s.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel	
	<u>Primary energy supply</u>										
1	Production .....	—	—	—	—	5,559,877	—	—	—	—	
2	Exports .....	—	—	—	—	—	—	—	—	—	
3	Imports .....	429,613,328	—	—	—	2,371,390	—	—	—	—	
4	Inter-regional transfers .....	7,709,055	—	—	11,487,003	780,618,632	—	—	—	—	
5	Stock change .....	1,226,708	—	—	—	—	—	—	—	—	
6	Inter-product transfers .....	—	—	—	— 6,513	—	—	—	—	—	
7	Availability .....	436,095,675	—	—	11,480,490	788,549,899	—	—	—	—	
	<u>Converted to secondary fuel:</u>										
8	(a) To electricity:										
9	By utilities .....	234,268,023	—	—	—	—	—	—	—	—	
10	By industry .....	3,241,581	—	—	—	—	—	—	—	—	
	(b) To coke, coke oven gas and blast furnace gas.	160,749,325	—	—	—	—	—	—	—	—	
11	(c) To refined products .....	—	—	—	1,028,484	788,550,874	—	—	—	—	
12	Net primary supply .....	37,836,746	—	—	10,452,006	— 975	—	—	—	—	
	<u>Secondary energy supply</u>										
13	Output .....	— 106,349,518(1)	34,772,532	9,349,561	—	20,119,410	280,782,120	27,274,573	66,757,144		
14	Exports .....	— 3,467,834	—	435,810	—	— 871,145	— 309,345	— 12,390			
15	Imports .....	— 6,917,018	—	10,164	—	— 1,854	— 795,104				
16	Inter-regional transfers .....	— 489,031	—	— 425,798	—	— 45,586,311	— 6,266,602	— 11,166,321			
17	Stock change .....	— — 852,698	—	— 200,958	—	— 8,746,704	— 223,280	— 1,310,328			
18	Other products used .....	—	—	—	—	— 288,375	—				
19	Inter-product transfers .....	—	—	—	— 5,047,948	—	— 195,052	— 17,581,766	— 7,642,377		
20	Losses and adjustments .....	—	—	—	— 340,254	—	— 2,253,404	— 2,553,777	— 3,536,056	— 951,504	
21	Availability .....	— 111,140,431(1)	34,772,532	3,310,873	—	22,372,814	336,892,944	20,206,504	69,908,584		
	<u>Transformed into secondary fuel:</u>										
22	(a) To electricity:										
23	By utilities .....	—	—	—	—	—	—	—	—	609,670	
	By industry .....	— 1,250,205(1)	205,790	—	—	—	—	—	—	16,932	
24	Net secondary supply .....	— 109,890,226	34,566,742	3,310,873	—	22,372,814	336,892,944	20,206,504	69,281,982		
25	Total net supply, primary and secondary.	37,836,746	109,890,226	34,566,742	13,762,879	— 975	22,372,814	336,892,944	20,206,504	69,281,982	
	<u>Consumption</u>										
26	Energy supply industries .....	—	—	—	473,687	—	21,589,781	344,412	56,015	827,686	
	Transportation:										
27	(a) Road .....	—	—	—	—	—	— 336,331,558	—	—	17,482,500	
28	(b) Rail .....	958	—	—	—	—	—	— 495,301	—	21,108,301	
29	(c) Air .....	—	—	—	—	—	—	—	—	—	
30	(d) Marine (excluding Navy) .....	3,836,744	—	—	—	—	—	— 160,233	—	2,145,685	
31	Domestic and farm .....	944,372	122,562	—	11,256,225	—	—	— 13,421,717	—	5,658,596	
32	Commercial .....	5,160,000	—	—	—	—	—	— 1,759,870	—	4,487,175	
33	Industrial .....	32,299,170	109,767,664	33,760,249	2,032,967	—	—	— 3,607,745	—	15,492,560	
34	Non energy use .....	—	—	—	—	—	—	—	—	—	
35	Losses and adjustments .....	— 4,404,498	—	806,493	—	— 975	783,033	216,974	705,623	2,079,479	
36	Total .....	37,836,746	109,890,226	34,566,742	13,762,879	— 975	22,372,814	336,892,944	20,206,504	69,281,982	

(1) — 1,250,205 million B.T.U.'s. of Blast furnace gas. — 1,250,205 millions de B.T.U. de gaz de hauts fourneaux.

## Disponibilité et écoulement d'énergie au Canada

Edition 3, Ontario, 1971, millions de S.T.U.

Light fuel oil — Mazouts légers	Heavy fuel oil — Mazouts lourds	Pétrole et coke — Coke de pétrole	Aéronautique gasoline — Essence d'aviation	Aviation turbo fuel — Carburateur pour turbines à gaz d'aviation	Natural gas — Gaz naturel	Electricity — Énergie électrique	Total		No	
barrels of 35 Canadian gallons — en barils de 35 gallons canadiens								Mcf. — Mpc.	kwh. — '000-kwh	
—	—	—	—	—	16,259,718	143,314,147	165,133,742	Production .....	1	
—	—	—	—	—	32,225,671	13,852,921	46,078,592	Exportations .....	2	
—	—	—	—	—	14,235,793	8,716,643	454,937,154	Importations .....	3	
—	—	—	—	—	492,834,917	19,863,712	1,312,513,319	Transferts — d'une région à une autre .....	4	
—	—	—	—	—	— 8,988,425	—	— 7,761,717	Changement à l'inventaire .....	5	
—	—	—	—	—	6,513	—	—	Transferts — d'un produit à un autre .....	6	
—	—	—	—	—	500,099,695	158,041,581	1,894,267,340	Disponibilité .....	7	
Disponibilité d'énergie primaire										
—	—	—	—	—	8,737,533	—	243,005,556	a) En énergie électrique:	8	
—	—	—	—	—	10,107,385	—	13,348,966	Par services .....	9	
—	—	—	—	—	—	—	160,749,325	Par industrie .....	10	
—	—	—	—	—	—	—	789,579,358	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux .....	11	
—	—	—	—	—	481,254,777	158,041,581	687,584,135	c) En produits raffinés .....		
—	—	—	—	—	—	—	Disponibilité primaire nette .....	12		
Disponibilité d'énergie secondaire										
1,923,391	126,339,500	—	170,338	21,656,273	—	90,883,919	942,378,283	Sorties .....	13	
1,742,909	2,395,116	—	—	—	—	—	12,735,049	Exportations .....	14	
5,453,852	7,520,956	1,315,587	—	1,114,407	—	—	23,128,942	Importations .....	15	
1,647,472	69,704,154	—	1,016,226	3,245,218	—	—	188,725,737	Transferts — d'une région à une autre .....	16	
1,340,614	1,955,614	—	— 46	278,944	—	—	2,860,312	Changement à l'inventaire .....	17	
1,199,763	6,024,046	—	— 23,970	— 73,632	—	—	314,401	Autres matières utilisées .....	18	
— 1,114,856	— 2,368,231	—	— 99,874	70,697	—	—	2,658,564	Transferts — d'un produit à un autre .....	19	
—	—	—	—	—	—	—	— 15,466,755	Pertes et ajustements .....	20	
231,811,837	207,606,157	1,315,587	1,262,514	25,592,625	—	90,883,919	1,157,077,321	Disponibilité .....	21	
Transformée en combustible secondaire:										
3,566,781	—	—	—	—	—	—	4,176,451	a) En énergie électrique:	22	
—	4,331,362	—	—	—	—	—	5,804,289	Par services .....	23	
228,245,056	203,274,795	1,315,587	1,262,514	25,592,625	—	90,883,919	1,147,096,581	Disponibilité secondaire nette .....	24	
228,245,056	203,274,795	1,315,587	1,262,514	25,592,625	481,254,777	248,925,500	1,834,680,716	Total net de la disponibilité, primaire et secondaire .....	25	
Consommation										
238,164	33,331,890	—	126	74,471	36,309,773	20,944,518	114,190,523	Les industries d'énergie .....	26	
—	—	—	—	—	—	—	353,814,058	Transport:		
363,549	827,522	—	—	—	—	—	22,795,631	a) Routier .....	27	
—	—	—	1,221,155	25,453,776	—	—	26,674,931	b) Ferroviaire .....	28	
72,395	13,562,827	—	—	—	—	—	19,777,884	c) Aviation .....	29	
161,897,361	4,867,315	—	—	—	105,106,148	63,407,332	366,681,628	d) Marine marchande .....	30	
44,289,000	58,472,820	—	—	—	93,491,563	64,841,726	272,502,154	Résidences et fermes .....	31	
20,998,742	74,482,858	—	—	—	242,073,557	99,731,924	634,247,436	Utilisation commerciale .....	32	
—	—	1,315,587	—	—	—	—	1,315,587	Utilisation industrielle .....	33	
385,845	17,729,563	—	41,233	64,378	4,273,736	—	22,680,884	Utilisation autre que pour l'énergie ..	34	
228,245,056	203,274,795	1,315,587	1,262,514	25,592,625	481,254,777	248,925,500	1,834,680,716	Pertes et ajustements .....	35	
—	—	—	—	—	—	—	Total .....	36		

## National Energy Supply and Demand in Canada

Region 4, Prairies, 1971, Million B.T.U.'s.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	204,616,668	—	—	151,166,057	2,962,171,769	—	—	—	—
2	Exports .....	86,767,696	—	—	91,072,562	1,569,746,556	—	—	—	—
3	Imports .....	319,999	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	— 4,077,568	—	—	20,101,413	— 903,241,227	—	—	—	—
5	Stock change .....	890,637	—	—	8,943,316	2,823,948	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 320,668	—	—	—	—	—
7	Availability .....	113,200,766	—	—	30,728,098	486,360,038	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity: By utilities .....	100,107,619	—	—	—	—	—	—	—	—
9	By industry .....	800	—	—	—	—	—	—	—	—
10	(b) To coke, coke oven gas and blast furnace gas,	—	—	—	—	—	—	—	—	—
11	(c) To refined products .....	—	—	—	3,573,432	468,326,565	—	—	—	—
12	Net primary supply .....	13,092,347	—	—	27,154,666	18,033,473	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	—	—	3,069,690	—	21,456,821	188,478,779	18,645,357	93,431,768
14	Exports .....	—	—	—	—	—	—	—	—	—
15	Imports .....	— 298,542	—	—	—	—	—	64,079	1,703	856,781
16	Inter-regional transfers .....	—	—	—	— 12,158	—	—	— 10,930,121	— 1,844,690	— 11,657,439
17	Stock change .....	— 273	—	—	— 31,016	—	—	— 7,497,158	— 1,718,973	— 626,034
18	Other products used .....	—	—	—	—	—	—	773,989	—	577
19	Inter-product transfers .....	—	—	—	— 604,827	—	—	— 5,748,680	— 1,575,220	— 3,187,763
20	Losses and adjustments .....	—	—	—	— 22,314	—	— 3,263,161	— 8,837,911	— 213,058	— 2,396,349
21	Availability .....	—	298,269	—	2,399,375	—	24,719,982	188,973,115	16,445,559	81,214,155
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity: By utilities .....	—	—	—	—	—	—	—	—	896,910
23	By industry .....	—	—	—	—	—	—	—	—	146,717
24	Net secondary supply .....	—	298,269	—	2,399,375	—	24,719,982	188,973,115	16,445,559	80,170,528
25	Total net supply, primary and secondary .....	13,092,347	298,269	—	29,554,041	18,033,473	24,719,982	188,973,115	16,445,559	80,170,528
	<u>Consumption</u>									
26	Energy supply industries .....	27,787	—	—	280,713	6,568,346	24,719,982	123,547	4,837	230,250
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	185,791,794	—	11,538,450
28	(b) Rail .....	1,499,458	—	—	—	—	—	—	352,088	24,198,286
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	68,555	74,417
31	Domestic and farm .....	6,299,484	5,258	—	23,773,072	—	—	—	11,943,749	23,706,713
32	Commercial .....	182,100	—	—	—	426,706	—	—	2,157,260	4,020,975
33	Industrial .....	5,775,468	136,549	—	725,945	—	—	—	1,633,091	15,661,904
34	Non energy use .....	—	—	—	4,466,351	—	—	—	—	—
35	Losses and adjustments .....	— 691,950	156,462	—	307,960	11,038,421	—	3,057,774	285,979	739,533
36	Total .....	13,092,347	298,269	—	29,554,041	18,033,473	24,719,982	188,973,115	16,445,559	80,170,528

## Disponibilité et Accouplement d'énergie au Canada

Région 4, Prairies, 1971, millions de B.T.U.

Light fuel oil — Mazouts légers	Heavy fuel oil — Mazouts lourds	Petroleum coke — Coke de pétrole	Aviation gasoline — Essence d'aviation	Aviation turbo fuel — Carburateurs pour turbines à gaz d'aviation	Natural gas — Gas naturel	Electricity — Énergie électrique	Total		N°
—	—	—	—	—	1,923,992,774	43,986,654	5,285,933,922		
—	—	—	—	—	281,380,810	2,343,317	2,031,310,941		
—	—	—	—	—	112,963	11,539	444,501		
—	—	—	—	—	984,674,139	— 1,400,165	— 1,913,494,512		
—	—	—	—	—	4,907,063	—	17,564,964		
—	—	—	—	—	320,668	—	—		
—	—	—	—	—	653,464,393	40,254,711	1,324,008,006	Disponibilité d'énergie primaire	1
—	—	—	—	—	58,657,938	—	158,765,557	Exportations	2
—	—	—	—	—	11,330,590	—	11,331,390	Importations	3
—	—	—	—	—	—	—	—	Transferts - d'une région à une autre	4
—	—	—	—	—	—	—	—	Changement à l'inventaire	5
—	—	—	—	—	—	—	—	Transferts - d'un produit à un autre	6
—	—	—	—	—	583,475,865	40,254,711	682,011,062	Disponibilité .....	7
—	—	—	—	—	—	—	—	Convertie en combustible secondaire:	
—	—	—	—	—	—	—	—	a) En énergie électrique:	
—	—	—	—	—	—	—	—	Par services .....	8
—	—	—	—	—	—	—	—	Par industrie .....	9
—	—	—	—	—	—	—	—	b) En coke, en gaz de four à coke, et en gaz de hauts fourneaux.	10
—	—	—	—	—	—	—	—	c) En produits raffinés .....	11
—	—	—	—	—	—	—	—	Disponibilité primaire nette .....	12
25,717,812	26,043,781	3,437,370	2,303,750	17,773,871	—	47,834,128	448,193,125	Disponibilité d'énergie secondaire	
—	236,123	—	—	—	—	—	236,123	Sorties .....	13
—	—	—	—	—	563	—	1,221,588	Exportations .....	14
—	—	—	—	—	—	—	—	Importations .....	15
—	—	—	—	—	—	—	—	Transferts - d'une région à une autre ..	16
—	—	—	—	—	—	—	—	Changement à l'inventaire .....	17
—	—	—	—	—	—	—	—	Autres matières utilisées .....	18
—	—	—	—	—	—	—	—	Transferts - d'un produit à un autre ..	19
—	—	—	—	—	—	—	—	Perdes et ajustements .....	20
24,185,739	20,598,554	29,991	1,751,811	16,968,236	—	47,834,128	425,418,914	Disponibilité .....	21
—	—	—	—	—	—	—	—	Transformée en combustible secondaire:	
—	—	—	—	6,126	—	—	2,458,379	a) En énergie électrique:	
65,278	1,490,065	—	—	—	—	—	881,416	Par services .....	22
261,932	472,767	—	—	—	—	—	—	Par industrie .....	23
23,858,529	18,635,722	29,991	1,751,811	16,962,110	—	47,834,128	422,079,119	Disponibilité secondaire nette .....	24
23,858,529	18,635,722	29,991	1,751,811	16,962,110	583,475,865	88,088,839	1,104,090,181	Total net de la disponibilité, primaire et secondaire .....	25
—	—	—	—	—	—	—	—	Congestion	
11,655	7,660,725	—	828	1,516	172,728,330	10,946,450	223,304,966	Les industries d'énergie .....	26
—	—	—	—	—	—	—	—	Transport:	
—	—	—	—	—	—	—	—	a) Routier .....	27
263,152	1,038,201	—	—	—	—	—	—	b) Ferroviaire .....	28
—	—	—	1,731,923	16,727,221	—	—	—	c) Aviation .....	29
—	4,913	427,663	—	—	—	—	—	d) Marine marchande .....	30
19,666,746	17,070	—	—	—	103,041,438	23,129,446	211,582,976	Résidences et fermes .....	31
2,389,275	6,035,904	—	—	—	97,662,885	25,628,194	138,503,299	Utilisation commerciale .....	32
1,892,607	3,355,617	—	—	—	132,018,834	28,384,749	189,584,764	Utilisation industrielle .....	33
—	—	28,810	—	—	—	—	—	Utilisation autres que pour l'énergie ..	34
—	369,819	100,542	1,181	19,060	233,373	78,024,378	—	Perdes et ajustements .....	35
23,858,529	18,635,722	29,991	1,751,811	16,962,110	583,475,865	88,088,839	1,104,090,181	Total .....	36

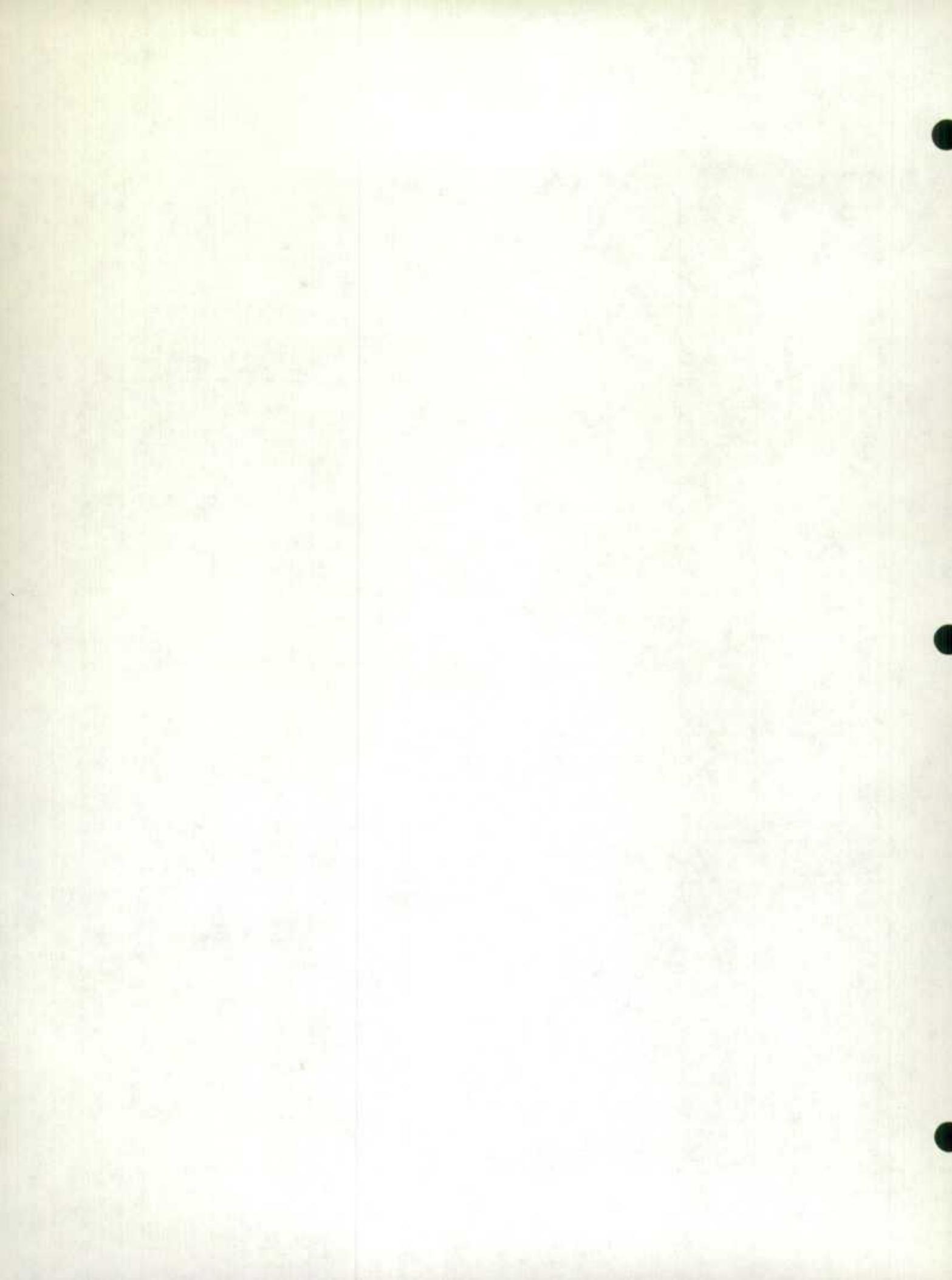
## Estimated Energy Supply and Demand in Canada

Region 5, British Columbia, Yukon and Northwest Territories, 1971, million B.T.U's.

No.		Coal — Charbon	Coke	Coke oven gas — Gaz de fours à coke	Liquefied petroleum gases — Gaz de pétrole liquéfiés	Crude oil — Pétrole brut	Still gas — Gaz de distillation	Motor gasoline — Essence pour moteurs	Kerosene — Kérosène	Diesel fuel oil — Huiles diesel
	<u>Primary energy supply</u>									
1	Production .....	116,852,677	—	—	3,258,727	158,545,806	—	—	—	—
2	Exports .....	107,657,172	—	—	710,433	13,214,835	—	—	—	—
3	Imports .....	64,387	—	—	—	—	—	—	—	—
4	Inter-regional transfers .....	1,222,411	—	—	4,148,546	122,622,595	—	—	—	—
5	Stock change .....	1,473,567	—	—	— 13,501	525,514	—	—	—	—
6	Inter-product transfers .....	—	—	—	— 28,241	—	—	—	—	—
7	Availability .....	9,008,736	—	—	6,682,100	267,428,052	—	—	—	—
	<u>Converted to secondary fuel:</u>									
8	(a) To electricity:									
9	By utilities .....	—	—	—	37,265	187,017	—	—	—	—
10	By industry .....	—	—	—	—	—	—	—	—	—
11	(b) To coke, coke oven gas and blast furnace gas .....	5,343,282	—	—	—	—	—	—	—	—
12	(c) To refined products .....	—	—	—	122,989	273,067,413	—	—	—	—
	Net primary supply .....	3,665,454	—	—	6,521,846	— 5,826,378	—	—	—	—
	<u>Secondary energy supply</u>									
13	Output .....	—	4,108,393	1,159,492	3,592,482	—	14,452,796	91,843,580	14,259,948	69,788,300
14	Exports .....	—	1,060,324	—	297,100	—	—	2,320,004	—	1,187,931
15	Imports .....	—	190,266	—	—	—	—	62,403	—	3,120,778
16	Inter-regional transfers .....	—	—	—	— 81,470	—	—	7,930,448	1,492,909	10,536,557
17	Stock change .....	—	397,544	—	— 19,009	—	—	— 2,540,728	— 742,881	1,178,843
18	Other products used .....	—	—	—	—	—	—	34,716	—	19%
19	Inter-product transfers .....	—	—	—	— 496,736	—	—	— 740,203	— 6,677,304	— 21,004,133
20	Losses and adjustments .....	—	—	—	— 6,331	—	—	— 563,980	— 3,026,552	— 2,930,013
21	Availability .....	—	2,840,791	1,159,492	2,729,854	—	15,016,776	96,325,116	12,748,447	39,788,318
	<u>Transformed into secondary fuel:</u>									
22	(a) To electricity:									
23	By utilities .....	—	—	—	—	—	—	—	—	.934,306
	By industry .....	—	—	—	—	—	—	—	—	1,360,340
24	Net secondary supply .....	—	2,840,791	1,159,492	2,729,854	—	15,016,776	96,325,116	12,748,447	56,492,788
25	Total net supply, primary and secondary .....	3,665,454	2,840,791	1,159,492	9,251,700	— 5,826,378	15,016,776	96,325,116	12,748,447	56,492,788
	<u>Consumption</u>									
26	Energy supply industries .....	181,617	—	—	21,781	— 107,930	15,016,776	51,954	5,825	324,719
	Transportation:									
27	(a) Road .....	—	—	—	—	—	—	94,536,263	—	6,993,900
28	(b) Rail .....	3,452	—	—	—	—	—	—	181,011	8,171,306
29	(c) Air .....	—	—	—	—	—	—	—	—	—
30	(d) Marine (excluding Navy) .....	—	—	—	—	—	—	—	126,279	7,400,333
31	Domestic and farm .....	444,396	—	—	7,241,942	—	—	—	6,610,373	2,202,119
32	Commercial .....	170,000	—	—	—	— 110,760	—	—	1,248,940	4,370,825
33	Industrial .....	2,138,522	1,684,714	1,159,492	1,174,219	—	—	—	3,157,950	35,436,491
34	Non energy use .....	—	—	—	729,725	—	—	—	—	—
35	Losses and adjustments .....	727,467	1,156,077	—	84,033	— 5,607,688	—	1,736,899	1,418,069	1,583,621
36	Total .....	3,665,454	2,840,791	1,159,492	9,251,700	— 5,826,378	15,016,776	96,325,116	12,748,447	56,492,788

## Disponibilité et écoulement d'énergie au Canada

Région 5, Colombie-Britannique, Yukon, Territoires du Nord-Ouest, 1971, millions de B.T.U.





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